

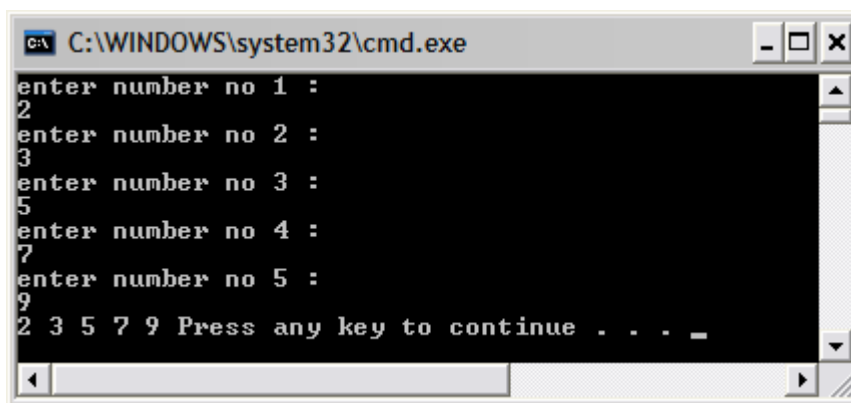
IMPORTANT:

Answer below just for references purpose only, please pay attention that:

- 1) The purpose to make this answer is to let my friend have an **idea, concept, or guidance** on how to solve the programming problem. **PLS DO NOT DIRECT COPY-PASTE!!**
- 2) Modifying is absolutely needed; copy-paste will definitely harm yourself! **PLS DO NOT DIRECT COPY-PASTE!!**
- 3) I know that nobody will hear what I say '**PLS DO NOT DIRECT COPY-PASTE!!**', so some trick is put inside the answer.....
- 4) **90% of the answer given is not 100% true, some error is purposely put in, the reason to do so is not to 'main-main shj' but for ur own good, try understand the program and find the error out! TQ!**

Q 1

```
#include <iostream>
using namespace std;
void main ()
{
    double *ppp, rrr[5];
    ppp=rrr;
    for(int i=0;i<5;i++)
    {cout<<"enter number no "<<i+1<<" :\n";
    cin>>*(rrr +i);}
    for(int i=0;i<5;i++)
    {cout<<*(rrr +i)<<" ";}}
```



```
C:\WINDOWS\system32\cmd.exe
enter number no 1 :
2
enter number no 2 :
3
enter number no 3 :
5
enter number no 4 :
7
enter number no 5 :
9
2 3 5 7 9 Press any key to continue . . . _
```

Q 2

```

#include <iostream>
#include <cstring>
using namespace std;
void main ()
{
    int bbb[5]={2,4,3,5,6}, *ppp, kkk,i,s=0;
    ppp=bbb;
    cout<<"kasi satu nombor"<<endl;
    cin>>kkk;
    for( i=0;i<5;i++)
    { if (kkk==*(ppp+i))
      {cout<<"itu nombor punya alamat :
" <<&bbb[i]<<endl;
      s=5;}}
    if (s==0)
    cout<<"EMPTY"<<endl;}

```

```

C:\WINDOWS\system32\cmd.exe
kasi satu nombor
2
itu nombor punya alamat : 0012FF50
Press any key to continue . . . -

```

```

C:\WINDOWS\system32\cmd.exe
kasi satu nombor
9
EMPTY
Press any key to continue . . . -

```

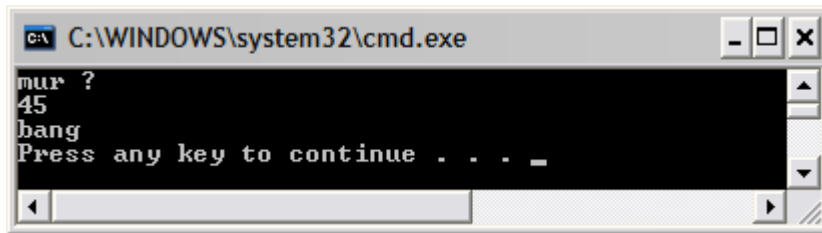
Q3

```

#include <iostream>
using namespace std;
void main ()
{
    int umur;
    cout<<"mur ? "<<endl;
    cin>>umur;
    if (umur<16)
        cout<<" dik"<<endl;
    if ((umur>=16) && (umur<=65))

```

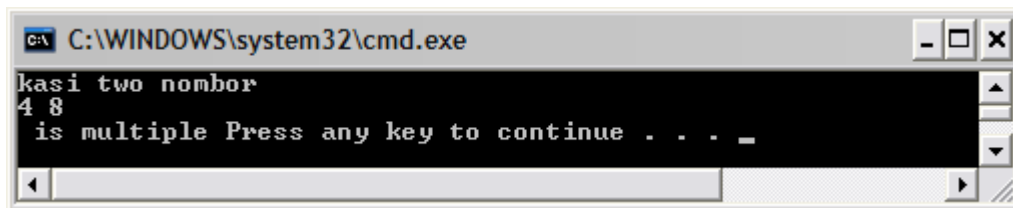
```
cout<<"bang "<<endl;
if (umur>65)
    cout<<"duk "<<endl;}
```



```
C:\WINDOWS\system32\cmd.exe
umur ?
45
bang
Press any key to continue . . . _
```

Q 4

```
#include <iostream>
using namespace std;
int a, b;
double w;
void main ()
{
    cout<<"kasi two nombor"<<endl;
    cin>>a>>b;
    if (a>b)
        w=a%b;
    if (b>a)
        w=b%a;
    if (w==0)
        cout<<" is multiple ";
    else
        cout<<" not multiple ";
}
```



```
C:\WINDOWS\system32\cmd.exe
kasi two nombor
4 8
is multiple Press any key to continue . . . _
```

Q 5

```
#include <iostream>
```

```

using namespace std;
void main ()
{
    int aaa,bbb;
    double fff;
    char hhh;
    cout<<"kasi 2 nombor"<<endl;
    cin>>aaa>>bbb;
    cout<<"kasi operation (+-*/)"<<endl;
    cin>>hhh;
    switch (hhh)
    {case '+': fff=aaa+bbb;break;
    case '-': fff=aaa-bbb;break;
    case '*': fff=aaa*bbb;break;
    case '/': fff=aaa/bbb;break;}
    cout<<fff<<endl;
}

```

```

C:\WINDOWS\system32\cmd.exe
kasi 2 nombor
234
456
kasi operation (+-*/)
+
690
Press any key to continue . . . _

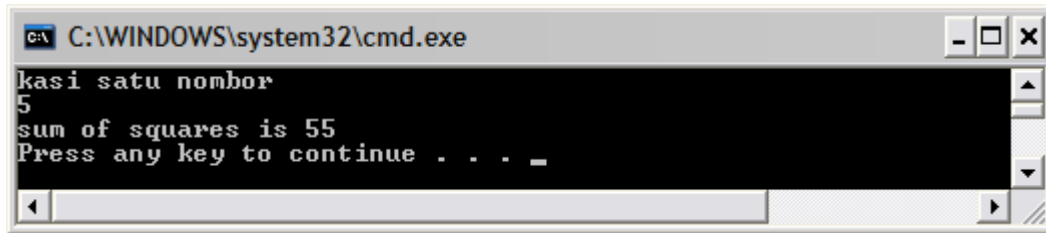
```

Q6

```

#include <iostream>
using namespace std;
void main ()
{
    int k,w=0,i;
    cout<<"kasi satu nombor"<<endl;
    cin>>k;
    for (i=0;i<=k;i++)
        w=(i*i)+w;
    cout<<"sum of squares is "<<w<<endl;}

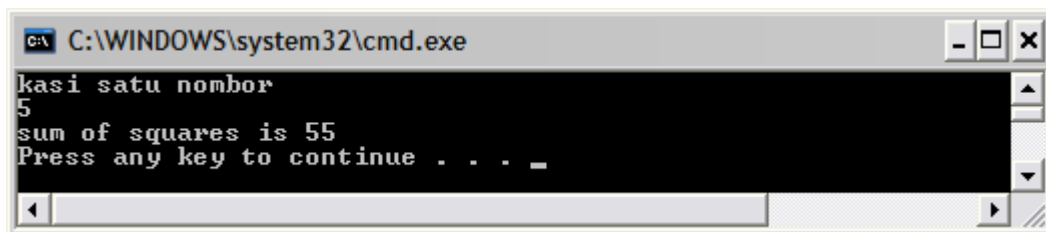
```



```
C:\WINDOWS\system32\cmd.exe
kasi satu nombor
5
sum of squares is 55
Press any key to continue . . . -
```

Q7

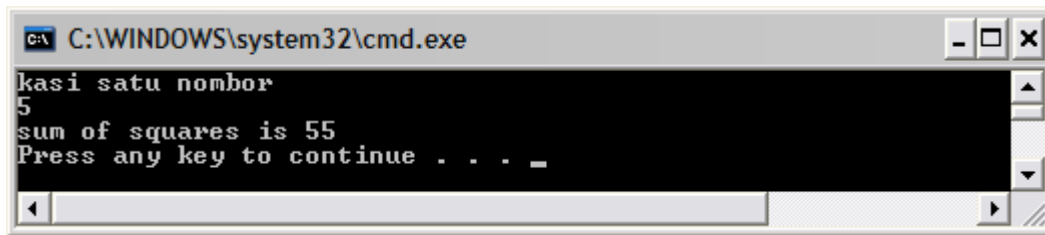
```
#include <iostream>
using namespace std;
void main ()
{   int k,w=0,i=0;
    cout<<"kasi satu nombor"<<endl;
    cin>>k;
    while (i<=k)
    {w=(i*i)+w;
    i++;}
    cout<<"sum of squares is "<<w<<endl;}
```



```
C:\WINDOWS\system32\cmd.exe
kasi satu nombor
5
sum of squares is 55
Press any key to continue . . . -
```

Q8

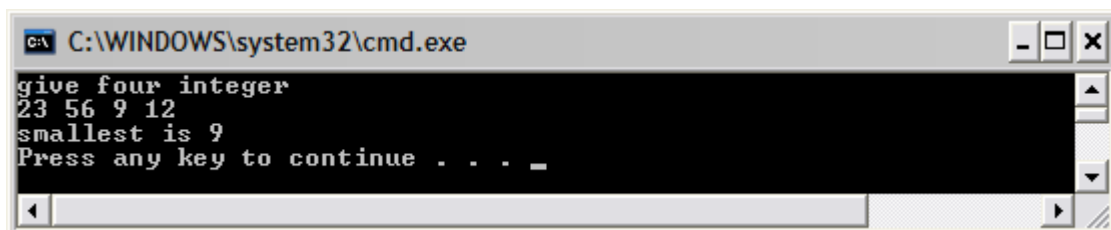
```
#include <iostream>
using namespace std;
void main ()
{   int k,w=0,i=0;
    cout<<"kasi satu nombor"<<endl;
    cin>>k;
    do{
    w=(i*i)+w;
    i++;}while (i<=k);
    cout<<"sum of squares is "<<w<<endl;}
```



```
C:\WINDOWS\system32\cmd.exe
kasi satu nombor
5
sum of squares is 55
Press any key to continue . . . -
```

Q9

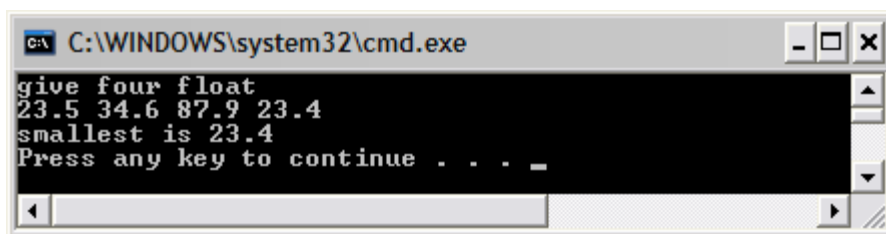
```
#include <iostream>
using namespace std;
int a,b,c,d,i,j,temp,k,array[4];
void main ()
{
    int min(int a,int b,int ,int d);
    cout<<"give four integer"<<endl;
    cin>>a>>b>>c>>d;
    min(a,b,c,d);
    cout<<"smallest is "<<k<<endl;}
int min(int a,int b,int c,int d)
{
array[0]=a;
array[1]=b;
array[2]=c;
array[3]=d;
for (i=0;i<3;i++)
for (j=i+1;j<4;j++)
if (array[i]>array[j])
{temp=array[i];
array[i]=array[j];
array[j]=temp;}
k=array[0];
return k;}
```



```
C:\WINDOWS\system32\cmd.exe
give four integer
23 56 9 12
smallest is 9
Press any key to continue . . . -
```

Q 10

```
#include <iostream>
using namespace std;
double a,b,c,d,temp,k, arraying[4];
int i,j;
void main ()
{
    double bibibi(double a,double b,double ,double
d);
    cout<<"give four float"<<endl;
    cin>>a>>b>>c>>d;
    bibibi(a,b,c,d);
    cout<<"smallest is "<<k<<endl;}
double bibibi(double a,double b,double c,double d)
{
arraying[0]=a;
arraying[1]=b;
arraying[2]=c;
arraying[3]=d;
for (i=0;i<3;i++)
for (j=i+1;j<4;j++)
if (arraying[i]>arraying[j])
{temp=arraying[i];
arraying[i]=arraying[j];
arraying[j]=temp;}
k=arraying[0];
return k;}
```



```
C:\WINDOWS\system32\cmd.exe
give four float
23.5 34.6 87.9 23.4
smallest is 23.4
Press any key to continue . . . _
```

Q 11

```
#include <iostream>
```

```

using namespace std;
double wew,k,tempo;
int n;
void main ()
{
    double a[10]={2.6, 4.8 ,6.6 ,1.1,8.3 ,0.8,5.7
,1.2,0.1};
    double miaomiao(double k[],int n);
    cout<<"kasi one nombor"<<endl;
    cin>>n;
    miaomiao(a,n);
    cout<<"smallest value among n is "<<wew<<endl;}
double miaomiao(double k[],int n)
{
    for (int i=0;i<n+1;i++)
        for (int j=i+1;j<n;j++)
if (k[i]>k[j])
        {tempo=k[i];
        k[i]=k[j];
        k[j]=tempo;}
    wew=k[0];
return wew;}

```



```

C:\WINDOWS\system32\cmd.exe
kasi one nombor
5
smallest value among n is 1.1
Press any key to continue . . .

```

Q 12

```

#include <iostream>
using namespace std;
double wew,k,tempo;
int n,i,f;

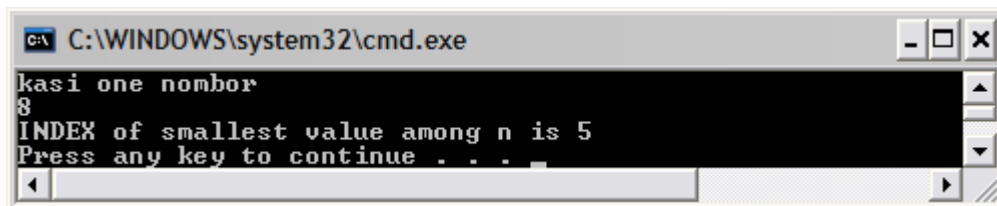
void main ()
{
    double a[10]={2.6, 4.8 ,6.6 ,1.1,8.3 ,0.8,5.7
,1.2,0.1};

```

```

    int miaomiao(double k[],int n);
    cout<<"kasi one nombor"<<endl;
    cin>>n;
    miaomiao(a,n);
    cout<<"INDEX of smallest value among n is
"<<f<<endl;}
int miaomiao(double k[],int n)
{
    for ( i=0;i<n+1;i++)
        for (int j=i+1;j<n;j++)
if (k[i]>k[j])
            {tempo=k[i];
            k[i]=k[j];
            k[j]=tempo;}
    wew=k[0];
double a[10]={2.6, 4.8 ,6.6 ,1.1,8.3 ,0.8,5.7
,1.2,0.1};
for ( i=0;i<10;i++)
if (wew==a[i])
f=i;
return f;}

```



```

C:\WINDOWS\system32\cmd.exe
kasi one nombor
8
INDEX of smallest value among n is 5
Press any key to continue . . .

```

Q 13

**Q 13 same as Q 12

Q 14

```

#include <iostream>
using namespace std;
int n,i;
void main ()
{

```

```

    float a[10]={2.6, 4.8 ,6.6 ,1.1,8.5,0.8,5.7
,1.2,0.1,9.2};
    void deletearray(float k[],int n);
    cout<<"array before delete : ";
    for (int i=0;i<10;i++)
        cout<<a[i]<<" ";
    cout<<"\ndelete array number what?"<<endl;
    cin>>n;
    deletearray (a,n);
    cout<<"new array after delete is : "<<endl;
for (int i=0;i<9;i++)
cout<<a[i]<<" ";
cout<<endl;}

```

```

void deletearray (float k[],int n)
{
    for ( i=n;i<10;i++)
        k[n-1]=k[n];
}

```

```

C:\WINDOWS\system32\cmd.exe
array before delete : 2.6 4.8 6.6 1.1 8.5 0.8 5.7 1.2 0.1 9.2
delete array number what?
3
new array after delete is :
2.6 4.8 1.1 1.1 8.5 0.8 5.7 1.2 0.1
Press any key to continue . . . -

```

Q 15

```

#include <iostream>
using namespace std;
int n,i;
float correction, temp;

void main ()
{
    float a[11]={2.6, 4.8 ,6.6 ,1.1,8.5,0.8,5.7
,1.2,0.1,9.2};
    void insertarray(float k[],int& n,float x);
    cout<<"array before delete : ";

```

```

    for (int i=0;i<10;i++)
        cout<<a[i]<<" ";
    cout<<"\ninsert what into array? "<<endl;
    cin>>correction;
    cout<<"saiz of array before insert? "<<endl;
    cin>>n;
    insertarray (a,n,correction);
    cout<<"new array after insert is : "<<endl;
    for (int i=0;i<11;i++)
    cout<<a[i]<<" ";
    cout<<endl;}

```

```

void insertarray (float k[],int& n,float x)
{k[n]=x;
    for (int i=0;i<10;i++)
        for (int j=i+1;j<11;j++)
            if (k[i]>k[j])
                {temp=k[i];
                 k[i]=k[j];
                 k[j]=temp;}
}

```

```

C:\WINDOWS\system32\cmd.exe
array before delete : 2.6 4.8 6.6 1.1 8.5 0.8 5.7 1.2 0.1 9.2
insert what into array?
5.5

saiz of array before insert?
10
new array after insert is :
0.1 0.8 1.1 1.2 2.6 4.8 5.7 6.6 8.5 9.2 0
Press any key to continue . . .

```

Q 16

```

#include <iostream>
using namespace std;
int n,i, w=0;;
float test;

void main ()
{

```

```

float a[11]={2.6, 1.2 ,6.6 ,1.2,8.5,0.8,5.7
,1.2,0.1,1.2};
int count(float k[],int n,float x);
cout<<"array is : ";
for (int i=0;i<10;i++)
    cout<<a[i]<<" ";
cout<<"\ntest what number? "<<endl;
cin>>test;
cout<<"determine among first what element?
"<<endl;
cin>>n;
count (a,n,test);
cout<<"the number "<<n<<" have appeare "<<w<<"
times !"<<endl;
}

int count (float k[],int n,float x)
{
    for (int i=0;i<n;i++)
        if (x==k[i])
            w++;
    return w;
}

```

```

C:\WINDOWS\system32\cmd.exe
array is : 2.6 1.2 6.6 1.2 8.5 0.8 5.7 1.2 0.1 1.2
test what number?
1.2
determine among first what element?
4
the number 4 have appeare 2 times !
Press any key to continue . . .

```

Q 17

```

#include <iostream>
using namespace std;

void main ()
{
    char array[50];

```

```

    cout<<"masukan satu ayat"<<endl;
        cin.getline (array,50);
        int a=strlen(array);
    for (int i=a; i>=0;i--)
        cout<<array[i];
    cout<<endl;
}

```

```

C:\WINDOWS\system32\cmd.exe
masukan satu ayat
computer programming
gnimmargorp retupmoc
Press any key to continue . . . .

```

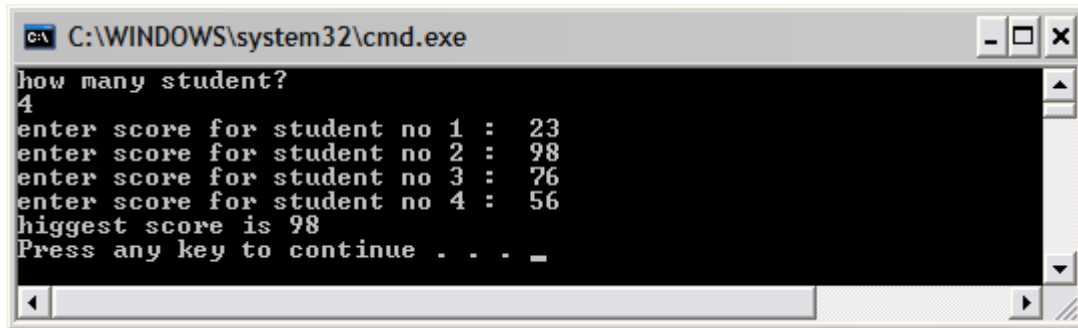
Q 18

```

#include <iostream>
using namespace std;
int k,temp;
int mark[20];

void main ()
{
    cout<<"how many student?"<<endl;
    cin>>k;
    for (int i=0;i<k;i++)
    {cout<<"enter score for student no "<<i+1<<" :
";
    cin>>mark[i];
    }
    for (int w=0; w<k-1;w++)
        for (int j=w+1;j<k;j++)
            if (mark[w]<mark[j])
                {temp=mark[w];
                mark[w]=mark[j];
                mark[j]=temp;}
    cout<<"higgest score is "<<mark[0]<<endl;}

```

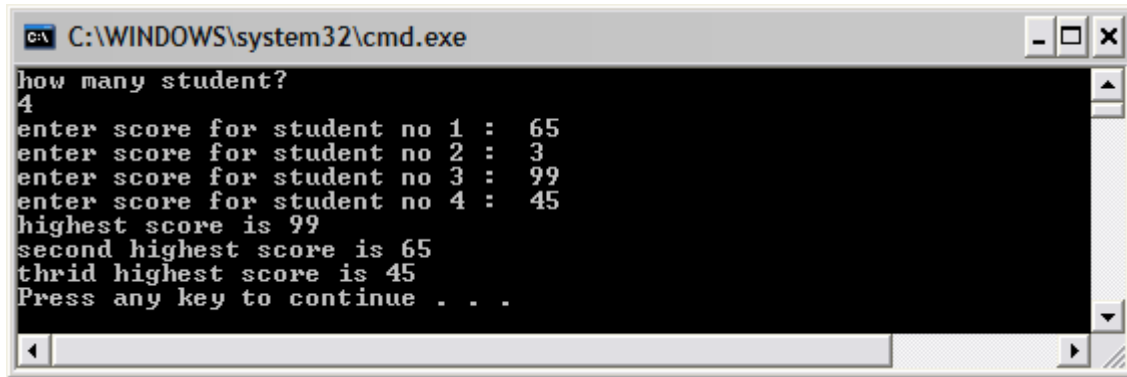


```
C:\WINDOWS\system32\cmd.exe
how many student?
4
enter score for student no 1 : 23
enter score for student no 2 : 98
enter score for student no 3 : 76
enter score for student no 4 : 56
highest score is 98
Press any key to continue . . . -
```

Q 19

```
#include <iostream>
using namespace std;
int k,temp;
int mark[20];

void main ()
{
    cout<<"how many student?"<<endl;
    cin>>k;
    for (int i=0;i<k;i++)
        {cout<<"enter score for student no "<<i+1<<" :
";
        cin>>mark[i];
        }
    for (int w=0; w<k-1;w++)
        for (int j=w+1;j<k;j++)
            if (mark[w]<mark[j])
                {temp=mark[w];
                mark[w]=mark[j];
                mark[j]=temp;}
    cout<<"highest score is "<<mark[0]<<endl;
    cout<<"second highest score is "<<mark[1]<<endl;
    cout<<"thrid highest score is "<<mark[2]<<endl;}
```



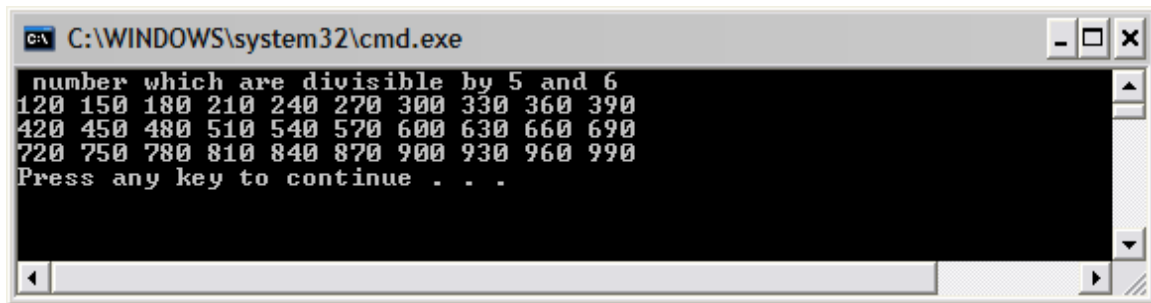
```
C:\WINDOWS\system32\cmd.exe
how many student?
4
enter score for student no 1 : 65
enter score for student no 2 : 3
enter score for student no 3 : 99
enter score for student no 4 : 45
highest score is 99
second highest score is 65
thrid highest score is 45
Press any key to continue . . .
```

Q 20

```
#include <iostream>
using namespace std;
double w,k;
int array [50];
int aarray [3][10];
int h=0,ee=0,p;
void main ()
{
    for (int i=100;i<=1000;i++)
    { w=i%5;
      k=i%6;
      if ((w==0)&&(k==0))
        {array[h]=i;h++;}}
    for (int a=0;a<3;a++)
    for (int b=0;b<10;b++)
    {aarray[a][b]=array[ee];ee++;}

    cout<<" number which are divisible by 5 and 6
    "<<endl;

    for (int f=0;f<3;f++)
    {for (int p=0;p<10;p++)
    {if (aarray[f][p]==0)
    break;
    cout<<aarray[f][p]<<" ";}
    cout<<endl;}
}
```



```
C:\WINDOWS\system32\cmd.exe
number which are divisible by 5 and 6
120 150 180 210 240 270 300 330 360 390
420 450 480 510 540 570 600 630 660 690
720 750 780 810 840 870 900 930 960 990
Press any key to continue . . .
```

Q21

```
#include <iostream>
using namespace std;
double w,k;
int array [50];
int aarray [3][10];
int h=0,ee=0,p,d;
void main ()
{
    for (int i=100;i<=200;i++)
    { w=i%5;
      k=i%7;
      d=i%35;
        if ((w==0) && (d!=0) || ((k==0) && (d!=0)))
            {array[h]=i;h++;}
    for (int a=0;a<3;a++)
    for (int b=0;b<10;b++)
    {aarray[a][b]=array[ee];ee++;}

    cout<<" number which are divisible by 5 or 7,
but not both"<<endl;

    for (int f=0;f<3;f++)
    {for (int p=0;p<10;p++)
    {if (aarray[f][p]==0)
    break;
    cout<<aarray[f][p]<<" ";}
    cout<<endl;}
}
```

```
C:\WINDOWS\system32\cmd.exe
number which are divisible by 5 or 7, but not both
100 110 112 115 119 120 125 126 130 133
135 145 147 150 154 155 160 161 165 168
170 180 182 185 189 190 195 196 200
Press any key to continue . . . _
```