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{*****
  File Name       : CekPrima.Pas
  File Compile    : CekPrima.Exe
  Function        : A Program To Check The Input Number : is The Number is
                   Prime Number or Not
  Using           : Function " Prima "
  Author          : Hary Purnomo ( STTS 1998)
  Last Modified   : September, 19th 1998
*****}
uses crt;

function Prima (bil:longint) : boolean;
var
  counter,result,limit : longint;
  prime                 : boolean;
begin
  Prime:=true;
  if bil=1 then Prime:=false;
  limit:=round(sqrt(bil));
  counter:=2;
  While (Prime) and (counter<=limit) do begin
    result := bil mod counter;
    if result=0 then Prime:=false;
    Inc(counter);
  end;
  Prima := Prime;
end;

var
  bil : longint;
Begin
  clrscr;
  write('Input Bilangan : ');readln(bil);
  write('Prima : ',Prima(bil));
  readkey;
End.

```