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{*****
  File Name       : Convert.Pas
  Compiler        : Turbo Pascal Ver 7.00
  Using           : DOS Unit (ParamStr and ParamCount) + Text File + Dummy
                  Text File
  Function        : To Convert Up/LowCase Characters on Source File to be -
                  come Low/UpCase Characters on Destination File
  Author          : Hary Purnomo ( STTS 98113411 )
  Last Modified   : October, 3th 1998
*****}
uses crt,dos;
var
  fileteks,dummyteks : text;
  ch                  : char;

function LowCase(x:char) : char;
var
  y : byte;
begin
  y:=ord(x);
  y:=y+32;
  LowCase:=chr(y);
end;

Begin
  clrscr;
  if paramcount = 0 then
    begin write('The Parameter Must Be Inputted'); halt; end
  else
    begin
      assign(fileteks,paramstr(1));
      assign(dummyteks,'dummy.$$$');
      {$I-} reset(fileteks); {$I+}
      if IOResult<>0 then
        begin write('The File Name doesn't valid'); halt; end;
      {$I-} rewrite(dummyteks); {$I+}
      if IOResult<>0 then halt;
    end;
    { membaca fileteks lalu mengubah huruf kapital=>kecil dan menuliskan-}
    { nya pada file dummy}
    while not eof(fileteks) do
      begin
        read(fileteks,ch);
        if (ord(ch)>=97) and (ord(ch)<=122) then ch:=upcase(ch)
        else if (ord(ch)>=65) and (ord(ch)<=90) then ch:=lowcase(ch);
        write(dummyteks,ch);
      end;
      writeln(#7,'File Has Been Succesfully Converted');
      Close(fileteks);
      Close(dummyteks);
      erase(fileteks);
      rename(dummyteks,paramstr(1));
    End.

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