

```

Program Max_Sort_ASC;
uses crt;
VAR
  data   : array[1..100] of integer;
  i,j,u,n : integer;
  maks,lmaks,Temp: integer;

BEGIN
  clrscr;
  writeln('**PROGRAM MAXIMUM SORT ASCENDING**');writeln;
  write('   Jumlah data = ');readln(n);
  writeln('   Mulai Masukkan data ');

  for i:=1 to n do
  begin
    write('   Data Ke-',i,' = ');
    readln(data[i]);
  end;
  begin
  U:=N;
  for i:= 1 to N-1 do
  Begin
  lmaks:=1;

  for j:=2 to U do
  begin
  if data[j] > data[lmaks] then
  lmaks:=j;
  End;
  temp:=data[U];
  data[U]:=data[lmaks];
  data[lmaks]:=Temp;
  u:=u-1
  end;
  end;

  Begin
  writeln(' ');
  writeln('   Hasil Pengurutan : ');
  for i:= 1 to n do
  write('(',data[i],'),');writeln(' ');
  writeln('=====');
  writeln('   TERIMAKASIH!');
  writeln('=====');
  readln;
  end;
END.

```