

```
Program Bubble_Sort_Asc;
```

```
uses crt;
```

```
VAR
```

```
Data : array[1..100] of integer;
```

```
i,k,n,bantu : integer;
```

```
BEGIN
```

```
  clrscr;
```

```
  writeln('**PROGRAM BUBBLE 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;
```

```
  for i:=1 to N-1 do
```

```
  for k:=i+1 to N do
```

```
  begin
```

```
    if data[i] > data [k] then
```

```
    begin
```

```
      Bantu := data [i];
```

```
      data[i] := data [k];
```

```
      data [k] := Bantu;
```

```
    end;
```

```
  end;
```

```
  Begin
```

```
  writeln(' ');
```

```
  writeln('    Hasil Pengurutan : ');
```

```
  for i:=1 to n do
```

```
    write('(',data[i],'),'); writeln(' ');
```

```
  writeln('=====');
```

```
  writeln('    TERIMAKASIH!');
```

```
  writeln('=====');
```

```
  readln;
```

```
  end;
```

```
end.
```