

Nama : Aldi Nur Pratama

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Mata kuliah : Praktikum Struktur Basis Data.

Dosen Pengampu : Bayhaqi, M.kom.

Tugas : Praktikum Struktur Basis Data.

Program nilai - Mahasiswa

Uses Crt;

Type nilai = record

Nim : Integer;

Nama : String;

Tugas : Real;

UTS : Real;

UAS : Real;

Ng : Real;

Grade : Char;

Keterangan : String;

End;

Var

Mhs : Array [1..50] of nilai;

l : Integer;

n : Integer;

Procedure Input_data;

begin

Write ('Masukkan jumlah mahasiswa = ');

readln(n);

For l := 1 to n Do

begin

With Mhs[l] Do

begin

WriteLn ('Mahasiswa ke : ', l:2);

Write ('Nim : '); Readln (Nim);

Write ('Nama : '); Readln (Nama);

Write ('Tugas : '); Readln (Tugas);

Write ('UTS : '); Readln (Uts);

Write ('UAS : '); Readln (Uas);

End;



```
End ;  
end ;
```

```
Procedure hitung_data ;
```

```
begin
```

```
For i := 1 To n Do
```

```
begin
```

```
With Mhs [i] Do
```

```
begin
```

```
Na := (Tugas + uts + uas) / 3 ;
```

```
If (Na >= 80) Then grade := 'A' Else
```

```
If (Na < 80) and (Na >= 70) Then grade := 'B' Else
```

```
If (Na < 70) and (Na >= 60) Then grade := 'C' Else
```

```
If (Na < 60) and (Na >= 50) Then grade := 'D' Else
```

```
grade := 'E' ;
```

```
End ;
```

```
end ;
```

```
end ;
```

```
Procedure tampil_data ;
```

```
begin
```

```
Clrscr ;
```

```
WriteLn ('
```

```
) ;
```

```
WriteLn ('No | NIM | Nama | Tugas | Uts | Uas | rata-rata | GRADE |');
```

```
WriteLn ('-----');
```

```
For i := 1 To n Do
```

```
begin
```

```
With Mhs [i] Do
```

```
begin
```

```
gotoxy(2, 4 + i); WriteLn (i);
```

```
gotoxy(6, 4 + i); Write (Nim);
```

```
gotoxy(16, 4 + i); Write (Nama);
```

```
gotoxy(30, 4 + i); Write (Tugas:2:2);
```

```
gotoxy(37, 4 + i); Write (Uts:2:2);
```

```
gotoxy(43, 4 + i); Write (Uas:2:2);
```

```
gotoxy(49, 4 + i); Write (Na:2:2);
```

```
gotoxy(60, 4 + i); Write (grade);
```

```
End ;
```

```
End ;
```

```
end ;
```




```
begin  
input_data;  
hitung_data;  
tampil_data;  
readln;  
end.
```