

```
#include <iostream.h>
```

```
#include <conio.h>
```

```
#include <stdio.h>
```

```
void main() {
```

```
char huruf, lagi, nm[20];
```

```
float nilai, Nmid, Nfinal, NA, Ttl_mid, Ttl_final, Ttl_tgs, jml = 0;
```

```
int i = 1;
```

```
atas :
```

```
cout << "Menghitung nilai akhir mahasiswa \n " ;
```

```
cout << " _ _ _ _ _ \n " ;
```

```
cout << " Masukkan Nama Mahasiswa = " ; cin >> nm;
```

```
do
```

```
{ cout << " Masukkan Nilai Tugas << i << " = " ; cin >> nilai;
```

```
jml = jml + nilai ;
```

```
i++ ; }
```

```
while (i <= 5);
```

```
cout << " Masukkan Nilai Mid Mahasiswa = " ; cin >> Nmid;
```

```
cout << " Masukkan Nilai Final Mahasiswa = " ; cin >> Nfinal;
```

```
Ttl_tgs = 0.3 * (jml / 5);
```

```
Ttl_mid = 0.3 * Nmid;
```

```
Ttl_final = 0.4 * Nfinal;
```

```
NA = Ttl_tgs + Ttl_mid + Ttl_final;
```

```
if ((NA >= 80) && (NA <= 100))
```

```
huruf = 'A';
```

```
else if ((NA >= 70) && (NA <= 79))
```

```
huruf = 'B';
```

```
else if ((NA >= 60) && (NA <= 69))
```

```
huruf = 'C';
```

```
else if ((NA >= 50) && (NA <= 59))
```

```
huruf = 'D';
```

```
else if (NA < 50)
```

```
huruf = 'E';
```

```
cout << endl;
```

```
cout << endl;
```

```
cout << " Menghitung Nilai Akhir Mahasiswa \n " ;
```

```
cout << " _ _ _ _ _ \n " ;
```

```
cout << " Nama Mahasiswa = " << nm << endl;
```

```
cout << " Total Nilai Tugas = " << Ttl_tgs << endl;
```

```
cout << " Total Nilai Mid = " << Ttl_mid << endl;
```

```
cout << " Total Nilai Final = " << Ttl_final << endl;
```

```
cout << " Nilai Akhir Mahasiswa = " << Ttl_final << endl;
```

```
cout << "Nilai huruf Maksimum = " << huruf << endl;  
cout << "ingin Menginput lagi ? [Y/T] ";  
lagi = getch();
```

```
clrscr();
```

```
if (lagi == 'Y' || lagi == 'y') goto atas;  
getch();
```

```
}
```