

Jawaban UAS Kecerdasan Buatan

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#Menginput
Nilai Tugas,
UTS, dan
UAS

```
tugas = float(input("Masukkan nilai Tugas: "))
```

```
uts = float(input("Masukkan nilai UTS: "))
```

```
uas = float(input("Masukkan nilai UAS: "))
```

#Menghitung Nilai Akhir sesuai dengan Bobot

```
nilai = (0.15 * tugas) + (0.35 * uts) + (0.50 * uas)
```

#Menentukan Grade Berdasarkan Nilai Akhir

```
if nilai > 85:
```

```
    grade = 'A'
```

```
elif nilai > 75:
```

```
    grade = 'B'
```

```
elif nilai > 65:
```

```
    grade = 'C'
```

```
elif nilai > 55:
```

```
    grade = 'D'
```

```
else:
```

```
    grade = 'E'
```

#Menentukan Status Kelulusan Berdasarkan Nilai Akhir

```
if nilai > 65:
```

```
    status = 'Lulus'
```

```
else:
```

```
status = 'Tidak Lulus'
```

```
#Menampilkan Nilai Akhir, Grade, dan Status Kelulusan
```

```
print('Nilai Akhir: %0.2f' % nilai)
```

```
print('Grade: {}'.format(grade))
```

```
print('Status: {}'.format(status))
```

```
#Menginput Nilai Tugas, UTS, dan UAS
tugas = float(input("Masukkan nilai Tugas: "))
uts = float(input("Masukkan nilai UTS: "))
uas = float(input("Masukkan nilai UAS: "))

#Menghitung Nilai Akhir sesuai dengan Bobot
nilai = (0.15 * tugas) + (0.35 * uts) + (0.50 * uas)

#Menentukan Grade Berdasarkan Nilai Akhir
if nilai > 85:
    grade = 'A'
elif nilai > 75:
    grade = 'B'
elif nilai > 65:
    grade = 'C'
elif nilai > 55:
    grade = 'D'
else:
    grade = 'E'

#Menentukan Status Kelulusan Berdasarkan Nilai Akhir
if nilai > 65:
    status = 'Lulus'
else:
    status = 'Tidak Lulus'

#Menampilkan Nilai Akhir, Grade, dan Status Kelulusan
print('Nilai Akhir: %0.2f' % nilai)
print('Grade: {}'.format(grade))
print('Status: {}'.format(status))
```