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Kelas : D

Mata Kuliah : Kecerdasan buatan

1. APLIKASI KALKULATOR

```
while True:
    print("-----")
    print("Aplikasi Kalkulator Sederhana")
    print("1. Penjumlahan")
    print("2. Pengurangan")
    print("3. Perkalian")
    print("4. Pembagian")
    print("0. Keluar")

    user_input = int(input("Masukkan Operasi : "))
    if user_input == 0:
        break
    elif user_input == 1:
        angka1 = float(input("angka-1 : "))
        angka2 = float(input("angka-2 : "))
        hasil = angka1 + angka2
        print(">>> Hasil = {}".format(hasil))
    elif user_input == 2:
        angka1 = float(input("angka-1 : "))
        angka2 = float(input("angka-2 : "))
        hasil = angka1 - angka2
        print(">>> Hasil = {}".format(hasil))
    elif user_input == 3:
        angka1 = float(input("angka-1 : "))
        angka2 = float(input("angka-2 : "))
        hasil = angka1 * angka2
        print(">>> Hasil = {}".format(hasil))
    elif user_input == 4:
        angka1 = float(input("angka-1 : "))
        angka2 = float(input("angka-2 : "))
        hasil = angka1 / angka2
        print(">>> Hasil = {}".format(hasil))
    else:
        print(">>> Angka yang anda masukkan salah!")
```

2. KAMUS BAHASA SUMBAWA

```
samawa={'saya':'kaji','kamu':'sia','mandi':'maneng','makan':'mangan','tidur':'tunung'}
```

```
kata=input("Masukkan satu kata yang ingin di translate :")
```

```
if kata not in samawa:
```

```
    print("invalid")
```

```
elif kata in samawa:
```

```
    print(samawa.get(kata))
```

3. HITUNG NILAI

```
print("    Ujian Akhir Semester")
```

```
print("=" * 40)
```

```
print("Aplikasi Menghitung Nilai Mahasiswa")
```

```
print("Data Mahasiswa")
```

```
print("=" * 40)
```

```
nama = input("Masukkan Nama Anda")
```

```
= "
```

```
nim = input("Masukkan NIM Anda")
```

```
= "
```

```
kelas= input("Masukkan Kelas Mahasiswa")
```

```
= "
```

```
mk = input("Masukkan Nama Matakuliah Mahasiswa")
```

```
= "
```

```
sems = input("Masukkan Periode Semester Mahasiswa")
```

```
= "
```

```
print("=" * 40)
```

```
print("Input Nilai Mahasiswa : ")
```

```
print("=" * 40)
```

```
presensi= input("Masukkan Nilai Presensi Mahasiswa")
```

```
= "
```

```
tugas= input("Masukkan Nilai Tugas Mahasiswa")
```

```
= "
```

```
quiz= input("Masukkan Nilai Quiz Mahasiswa")
```

```
= "
```

```
prak= input("Masukkan Nilai Praktikum Mahasiswa")
```

```
= "
```

```
uts= input("Masukkan Nilai UTS Mahasiswa")
```

```
= "
```

```
uas= input("Masukkan Nilai UAS Mahasiswa")
```

```
= "
```

```
print("=" * 40)
```

```
print("Data Hasil")
```

```
print("=" * 40)
```

```
print("Nama Mahasiswa",nama)
```

```
print("NIM Mahasiswa",nim)
```

```
print("Kelas Mahasiswa",kelas)
```

```
print("Mata Kuliah",mk)
```

```
absolut=(float(presensi)*0.1)+(float(tugas)*0.3)+(float(quiz)*0.1)+(float(prak)*0.2)+(float(uts)*0.1)+(float(uas)*0.2)
```

```
print("Nilai Absolut",absolut)
```

```
if absolut>=81:
```

```
    relatif="A"
```

```
    huruf=4
```

```
elif absolut>=76:
```

```
    relatif="B+"
```

```
    huruf=3.5
```

```
elif absolut >=66:
    relatif="B"
    huruf=3
elif absolut >=61:
    relatif="C+"
    huruf=2.5
elif absolut>=51:
    relatif="C"
    huruf=2
elif absolut>=26:
    relatif="D"
    huruf=1
elif absolut>=0:
    relatif="E"
    huruf=0
if absolut>=51:
    status="Lulus"
elif absolut>=0:
    status="Tidak Lulus"
print("Nilai Relatif          =", relatif)
print("Bobot Nilai Huruf=", huruf)
print("Status                =", status)
```