Mochamad Raffli Ispriyanto (PYTN-KS10-022)

CONDITIONAL

```python
angka = 20
print(angka, 'lebih besar dari 10')
```

```
20 lebih besar dari 10
```

```python
angka = 2
if angka < 10:
    print(angka, 'kurang dari 10')
```

```
2 lebih dari 10
```

```python
angka = 20
if angka < 10:
    print(angka, 'kurang dari 10')
else:
    print(angka, 'lebih dari 10')
```

```
20 lebih dari 10
```

```python
Saku = 2000
if Saku == 10000:
    print(f"Dengan uang {Saku} anda dapat membeli Paket Ayam Geprek")
elif Saku == 15000:
    print(f"Dengan uang {Saku} anda dapat membeli Nasi Padang")
elif Saku > 150000:
    print(f"Dengan uang {Saku} anda dapat membeli apa saja")
else:
    print(f"Dengan uang {Saku} lebih baik anda puasa saja")
```

```
Dengan uang 2000 lebih baik anda puasa saja
```

```python
HargaMotor = 20000000
HargaMobil = 200000000
Budget = 2000

if Budget >= HargaMotor:
    print('Beli motor')
elif Budget >= HargaMobil:
    print('Beli mobil')
else:
    print('Halu teross')
```

```
Halu teross
```

CONTOH TABEL PERKALIAN 8

```python
i = 1
while i <= 10:
    print('8 x',i,'=',i*8)
    i = i + 1
```

```
8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
```

```python
for i in list(range(1,11)):
        print('8 x',i,'=',i*8)
```

```
8 x 1 = 8
8 x 2 = 16
8 x 3 = 24
8 x 4 = 32
8 x 5 = 40
8 x 6 = 48
8 x 7 = 56
8 x 8 = 64
8 x 9 = 72
8 x 10 = 80
```

```python
i = 1
j = 1
while j <= 10:
    while i <= 10:
        print(f"{j} x {i} = {j*i}")
        i += 1
    i = 1
    j += 1
    print("="*50)
```

```
1 x 1 = 1
1 x 2 = 2
1 x 3 = 3
1 x 4 = 4
1 x 5 = 5
1 x 6 = 6
```

```
1 x 7 = 7
1 x 8 = 8
1 x 9 = 9
1 x 10 = 10
==================================================
2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
==================================================
3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
==================================================
4 x 1 = 4
4 x 2 = 8
4 x 3 = 12
4 x 4 = 16
4 x 5 = 20
4 x 6 = 24
4 x 7 = 28
4 x 8 = 32
4 x 9 = 36
4 x 10 = 40
==================================================
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
==================================================
6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
```

```
# else dalam looping
i = 0
```

```python
while i < 5:
    print("masih looping")
    i += 1
    if i == 3:
        break
print("looping selesai")
```

```
    masih looping
    masih looping
    masih looping
    looping selesai
```

```python
buah = ["Pepaya", "Mangga", "Pisang", "Jambu"]
for i in buah:
    print(f"Saya ingin makan buah {i}")
```

```
    Saya ingin makan buah Pepaya
    Saya ingin makan buah Mangga
    Saya ingin makan buah Pisang
    Saya ingin makan buah Jambu
```

```python
for i in [1,2,3,4,5,6,7,8,9,10]:
    print(f'7 x {i} = {7*i}')
```

```
    7 x 1 = 7
    7 x 2 = 14
    7 x 3 = 21
    7 x 4 = 28
    7 x 5 = 35
    7 x 6 = 42
    7 x 7 = 49
    7 x 8 = 56
    7 x 9 = 63
    7 x 10 = 70
```

```python
for j in range(1,11):
    for i in range(1,11):
        print(f"{j} x {i} = {j*i}")
    print("="*50)
```

```
    1 x 1 = 1
    1 x 2 = 2
    1 x 3 = 3
    1 x 4 = 4
    1 x 5 = 5
    1 x 6 = 6
    1 x 7 = 7
    1 x 8 = 8
    1 x 9 = 9
    1 x 10 = 10
    ==================================================
    2 x 1 = 2
```

```
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
==================================================
3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
==================================================
4 x 1 = 4
4 x 2 = 8
4 x 3 = 12
4 x 4 = 16
4 x 5 = 20
4 x 6 = 24
4 x 7 = 28
4 x 8 = 32
4 x 9 = 36
4 x 10 = 40
==================================================
5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 4 = 20
5 x 5 = 25
5 x 6 = 30
5 x 7 = 35
5 x 8 = 40
5 x 9 = 45
5 x 10 = 50
==================================================
6 x 1 = 6
6 x 2 = 12
```

Produk berbayar Colab - Batalkan kontrak di sini