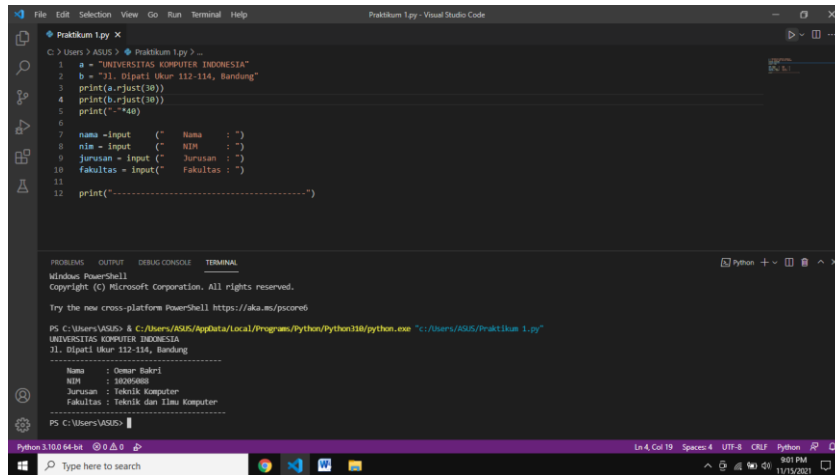


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Mata Kuliah : Kecerdasan Buatan

4.9 Praktikum



```
Praktikum 1.py X
C:\Users\ASUS> Praktikum 1.py
1 a = "UNIVERSITAS KOMPUTER INDONESIA"
2 b = "Jl. Dipati Ukur 112-114, Bandung"
3 print(a.rjust(40))
4 print(b.rjust(40))
5 print("-" * 40)
6
7 nama = input(" Nama : ")
8 nim = input(" NIM : ")
9 jurusan = input(" Jurusan : ")
10 fakultas = input(" Fakultas : ")
11
12 print("-----")

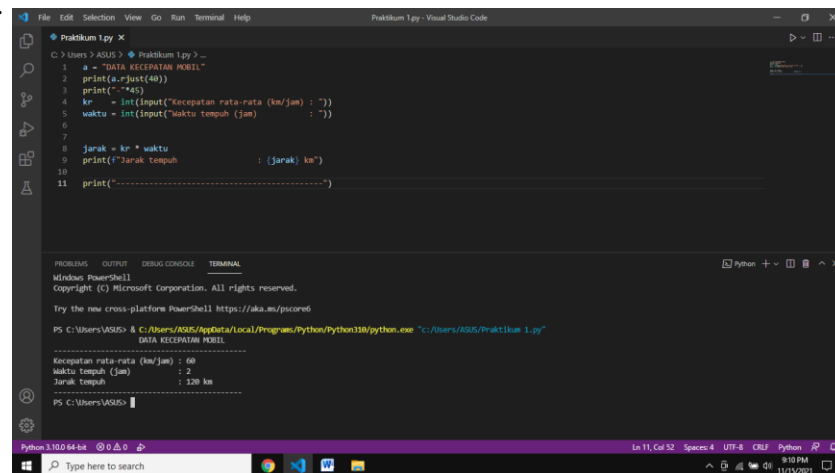
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Microsoft PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\ASUS\Praktikum 1.py"
UNIVERSITAS KOMPUTER INDONESIA
Jl. Dipati Ukur 112-114, Bandung
-----
Nama : Oemar Bakri
NIM : 30000000
Jurusan : Teknik Komputer
Fakultas : Teknik Ilmu Komputer
PS C:\Users\ASUS>
```

4.10 Praktikum

1.



```
Praktikum 1.py X
C:\Users\ASUS> Praktikum 1.py
1 a = "DATA KECEPATAN MOBIL"
2 print(a.rjust(40))
3 print("-" * 40)
4 kr = int(input("Kecepatan rata-rata (km/jam) : "))
5 waktu = int(input("waktu tempuh (jam) : "))
6
7
8 jarak = kr * waktu
9 print("Jarak tempuh : (jarak) km")
10
11 print("-----")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Microsoft PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\ASUS\Praktikum 1.py"
DATA KECEPATAN MOBIL
-----
Kecepatan rata-rata (km/jam) : 60
waktu tempuh (jam) : 2
Jarak tempuh : 120 km
-----
PS C:\Users\ASUS>
```

2.

```

1 a = "PROGRAM MENGHITUNG PEMBELIAN"
2 print(a,just(40))
3 print("-*~*~*~")
4 hs = int(input("Harga satuan : Rp. "))
5 jp = int(input("Jumlah pembelian : "))
6 disc = 0.10
7 ht = hs * jp * disc
8
9 print("Harga Total : Rp. (ht)")
10 print("-*~*~*~")

```

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Windows PowerShell
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PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\ASUS\Praktikum 1.py"

```

PROGRAM MENGHITUNG PEMBELIAN
-----
Harga satuan      : Rp. 50000
Jumlah pembelian  : 2
Harga Total      : Rp. 10000.0
-----
PS C:\Users\ASUS>

```

Python 3.10.0 64-bit

3.

```

1 a = "PROGRAM PENJUALAN BUKU"
2 print(a,just(15))
3 print("-*~*~*~")
4 hs = int(input("Harga Buku : Rp. "))
5 jp = int(input("Jumlah pembelian : "))
6 disc = float(input("Diskon : "))
7 ht = hs * jp * disc
8
9 print("Harga Total : Rp. (ht)")
10 print("-*~*~*~")

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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Try the new cross-platform PowerShell <https://aka.ms/powershell>

PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\ASUS\Praktikum 1.py"

```

PROGRAM PENJUALAN BUKU
-----
Harga Buku       : Rp. 40000
Jumlah pembelian : 2
Diskon           : 2
Harga Total      : Rp. 16000.0
-----
PS C:\Users\ASUS>

```

Python 3.10.0 64-bit

4.

```

1 judul = "PROGRAM MENGHITUNG TAGIHAN TELEFON"
2 print(judul,center(60))
3 print("-*~*~*~")
4 print("DATA PELANGGAN")
5 nama = input("Nama Pelanggan : ")
6 cakap = int(input("Percakapan : "))
7 sms = int(input("SMS : "))
8 print("Un")
9 print("TAGIHAN")
10 abn = 20000
11 print("Abonemen : Rp. (abn)")
12 rp_cakap = cakap*1000
13 print("Biaya percakapan: Rp. (rp_cakap)")
14 rp_sms = sms*100
15 print("Biaya SMS : Rp. (rp_sms)")
16 total_tagihan = rp_cakap + rp_sms
17 print("Total Tagihan : Rp. (total_tagihan)")
18 print("-*~*~*~")

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

DATA PELANGGAN

```

Nama Pelanggan   : Fathiya
Percakapan       : 1
SMS              : 5

```

TAGIHAN

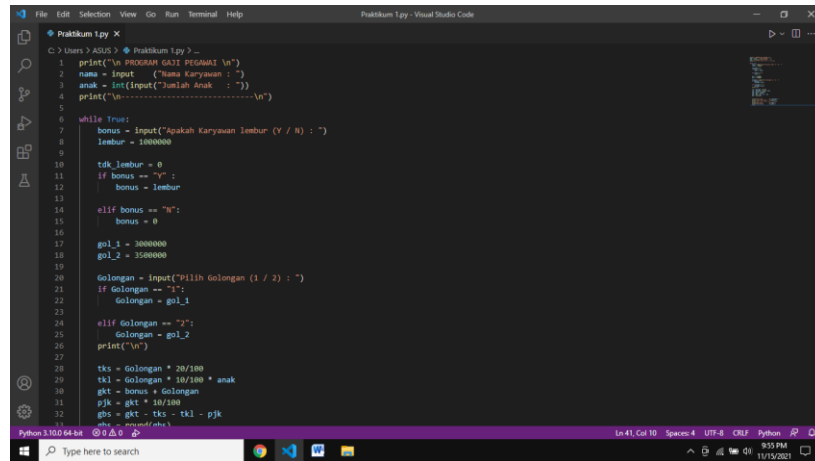
```

Abonemen         : Rp. 20000
Biaya percakapan : Rp. 1000
Biaya SMS        : Rp. 500
Total Tagihan    : Rp. 2500
-----
PS C:\Users\ASUS>

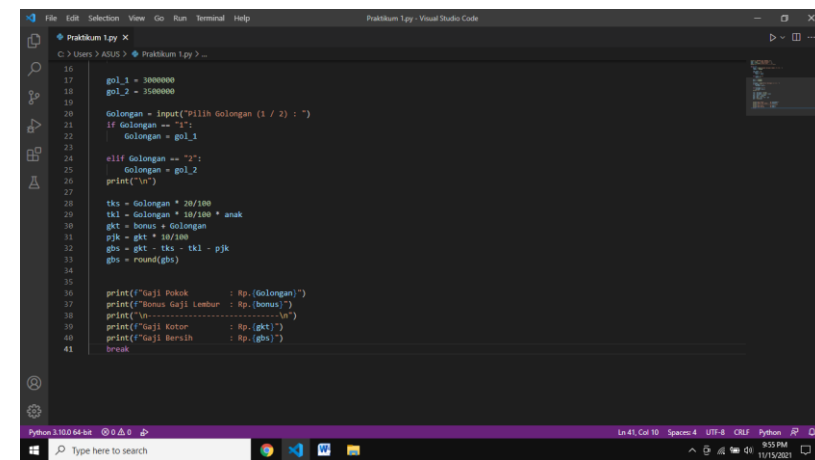
```

Python 3.10.0 64-bit

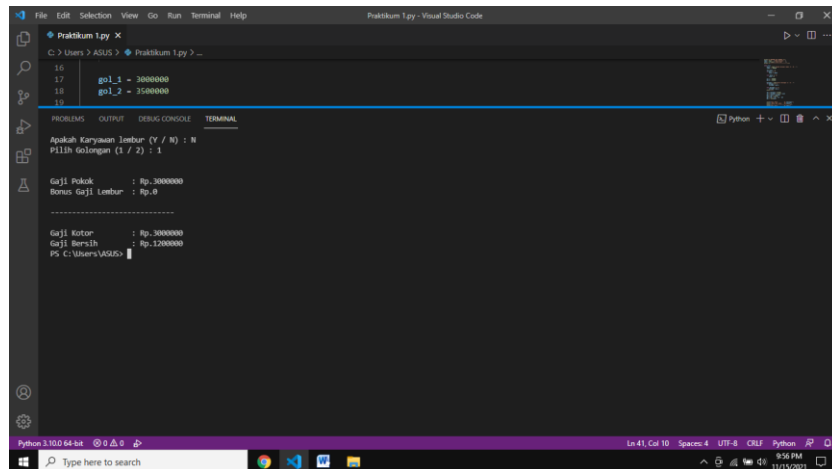
5.



```
Praktikum 1.py X
C:\Users\ASUS> Praktikum 1.py > ...
1 print("\n PROGRAM GAJI PEGAWAI \n")
2 name = input ("Nama Karyawan : ")
3 anak = int(input("Jumlah Anak : "))
4 print("\n-----\n")
5
6 while True:
7     bonus = input("Apakah Karyawan lembur (Y / N) : ")
8     lembur = 1000000
9
10    tdk_lembur = 0
11    if bonus == "Y":
12        bonus = lembur
13
14    elif bonus == "N":
15        bonus = 0
16
17    gol_1 = 3000000
18    gol_2 = 3500000
19
20    Golongan = input("Pilih Golongan (1 / 2) : ")
21    if Golongan == "1":
22        Golongan = gol_1
23
24    elif Golongan == "2":
25        Golongan = gol_2
26    print("\n")
27
28    tks = Golongan * 20/100
29    tkl = Golongan * 10/100 * anak
30    gkt = bonus + Golongan
31    pjk = gkt * 10/100
32    gbs = gkt - tks - tkl - pjk
33    gbs = round(gbs)
```



```
Praktikum 1.py X
C:\Users\ASUS> Praktikum 1.py > ...
16
17    gol_1 = 3000000
18    gol_2 = 3500000
19
20    Golongan = input("Pilih Golongan (1 / 2) : ")
21    if Golongan == "1":
22        Golongan = gol_1
23
24    elif Golongan == "2":
25        Golongan = gol_2
26    print("\n")
27
28    tks = Golongan * 20/100
29    tkl = Golongan * 10/100 * anak
30    gkt = bonus + Golongan
31    pjk = gkt * 10/100
32    gbs = gkt - tks - tkl - pjk
33    gbs = round(gbs)
34
35    print("\nGaji Pokok      : Rp. (Golongan)")
36    print("\nBonus Gaji Lembur   : Rp. (bonus)")
37    print("\n-----\n")
38    print("\nGaji Kotor      : Rp. (gkt)")
39    print("\nGaji Bersih     : Rp. (gbs)")
40    break
41
```



```
Praktikum 1.py X
C:\Users\ASUS> Praktikum 1.py > ...
16
17    gol_1 = 3000000
18    gol_2 = 3500000
19
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Apakah Karyawan lembur (Y / N) : N
Pilih Golongan (1 / 2) : 1

Gaji Pokok      : Rp. 3000000
Bonus Gaji Lembur : Rp. 0
-----
Gaji Kotor      : Rp. 3000000
Gaji Bersih     : Rp. 1200000
PS C:\Users\ASUS>
```

6.

```

Praktikum 1.py X
C:\Users\ASUS> .\Praktikum 1.py -
1 nilai_uang = int(input("Nilai Uang = "))
2 pecahan1000 = nilai_uang // 1000
3 sisa_nilaiuang = nilai_uang % 1000
4 pecahan200 = sisa_nilaiuang // 200
5 sisa_nilaiuang = sisa_nilaiuang % 200
6 pecahan50 = sisa_nilaiuang // 50
7 sisa_nilaiuang = sisa_nilaiuang % 50
8
9 print()
10 print("Nilai uang = ", nilai_uang)
11 print(pecahan1000, "(seribu)" + ", pecahan200, "(duaratusan)" + ", pecahan50, "(limpuluhan)"

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Windows PowerShell
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PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "c:/Users/ASUS/Praktikum 1.py"
Nilai Uang = 2482

Nilai uang = 2482
2 (seribu) + 2 (duaratusan) + 1 (limpuluhan)
PS C:\Users\ASUS>

```

7.

```

Praktikum 1.py X
C:\Users\ASUS> .\Praktikum 1.py -
1 gaji = int(input("Gaji = "))
2 hutang = int(input("Hutang = "))
3
4
5 Sisa_Uang = gaji - hutang
6 print ("Sisa Uang = (Sisa_Uang)")
7
8 sehari_hari = Sisa_Uang * 70/100
9 print ("Biaya Sehari = (sehari_hari)")
10
11 tabungan = Sisa_Uang * 20/100
12 print ("Tabung = (tabungan)")
13
14 infak = Sisa_Uang * 10/100
15 print ("Infak = (infak)")

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PS C:\Users\ASUS> & C:\Users\ASUS\AppData\Local\Programs\Python\Python38\python.exe "c:/Users/ASUS/Praktikum 1.py"
Gaji = 200000
Hutang = 100000
Sisa Uang = 100000
Biaya Sehari = 70000.0
Tabung = 20000.0
Infak = 10000.0
PS C:\Users\ASUS>

```