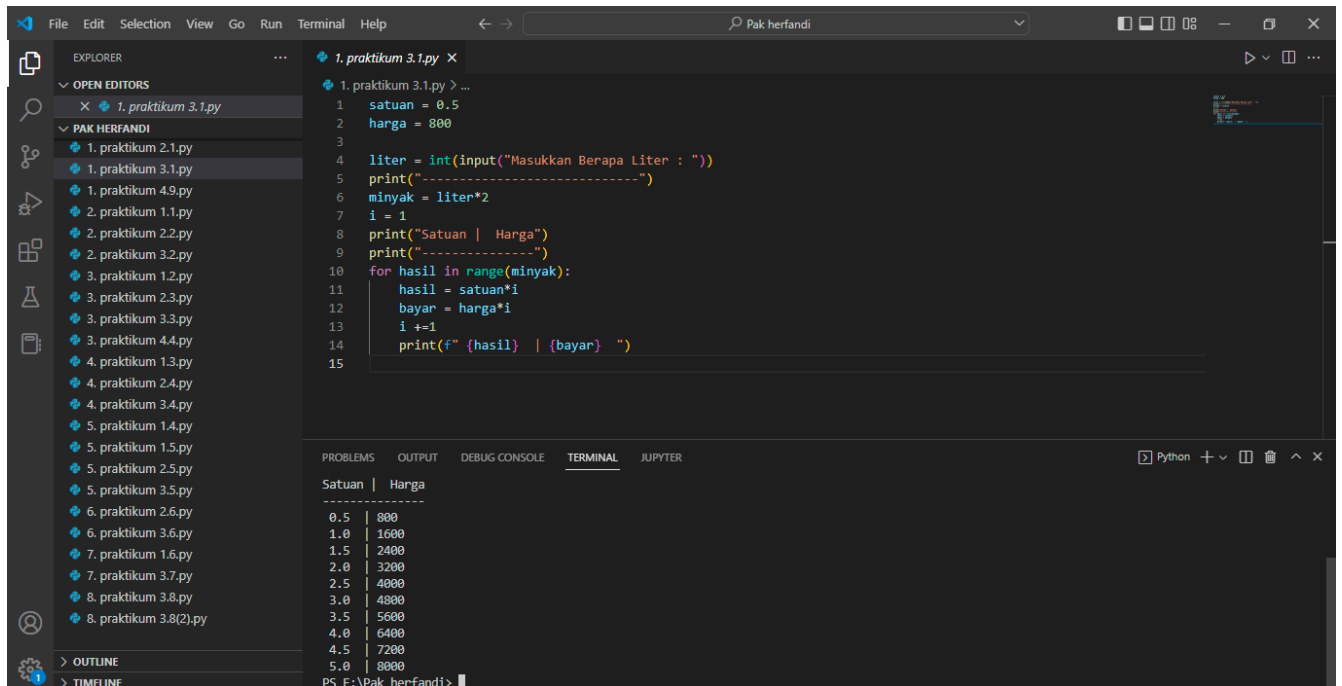


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KELAS : D/KECERDASAN BUATAN

➤ Praktikum 3

1. Praktikum 3.1

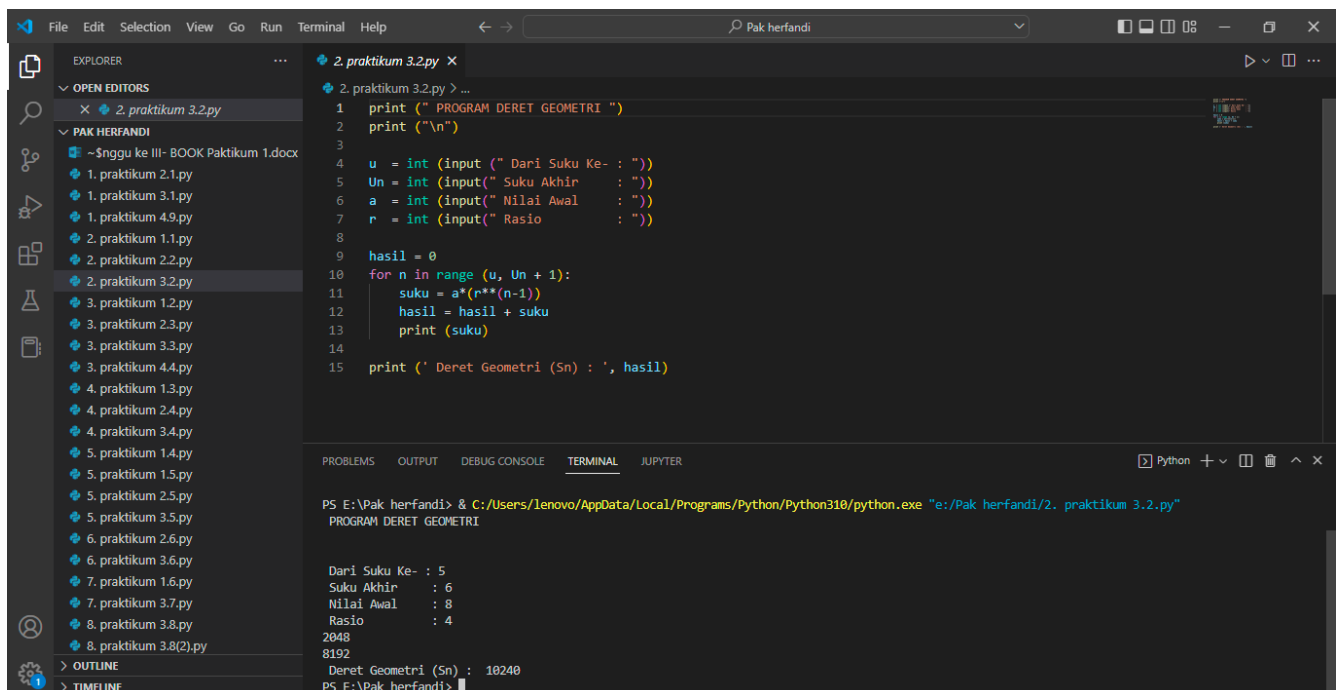


```
1. praktikum 3.1.py > ...
1 satuan = 0.5
2 harga = 800
3
4 liter = int(input("Masukkan Berapa Liter : "))
5 print("-----")
6 minyak = liter*2
7 i = 1
8 print("Satuan | Harga")
9 print("-----")
10 for hasil in range(minyak):
11     hasil = satuan*i
12     bayar = harga*i
13     i +=1
14     print(f" {hasil} | {bayar} ")
15
```

Satuan	Harga
0.5	800
1.0	1600
1.5	2400
2.0	3200
2.5	4000
3.0	4800
3.5	5600
4.0	6400
4.5	7200
5.0	8000

PS E:\Pak herfandi>

2. Praktikum 3.2



```
2. praktikum 3.2.py > ...
1 print (" PROGRAM DERET GEOMETRI ")
2 print ("\n")
3
4 u = int (input (" Dari Suku Ke- : "))
5 Un = int (input(" Suku Akhir : "))
6 a = int (input(" Nilai Awal : "))
7 r = int (input(" Rasio : "))
8
9 hasil = 0
10 for n in range (u, Un + 1):
11     suku = a*(r**(n-1))
12     hasil = hasil + suku
13     print (suku)
14
15 print (' Deret Geometri (Sn) : ', hasil)
```

PS E:\Pak herfandi> & C:\Users\lenovo\AppData\Local\Programs\Python\Python310\python.exe "e:/Pak herfandi/2. praktikum 3.2.py"

PROGRAM DERET GEOMETRI

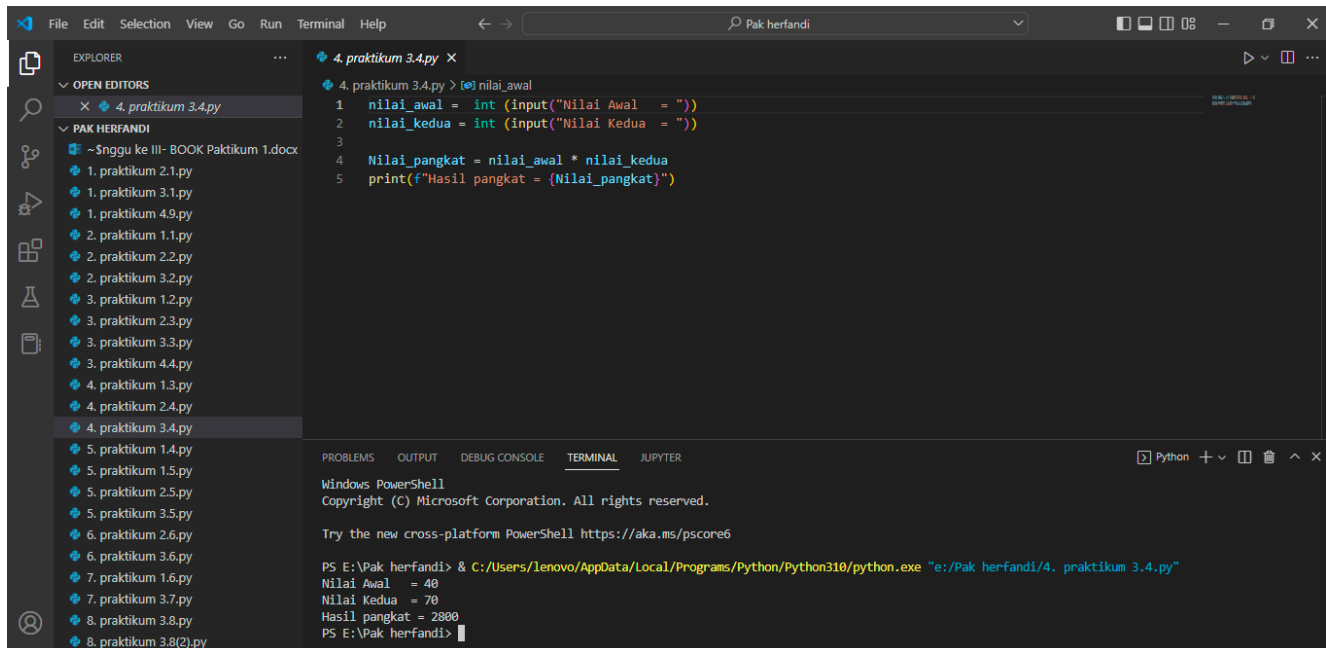
Dari Suku Ke- : 5
Suku Akhir : 6
Nilai Awal : 8
Rasio : 4

2048
8192
Deret Geometri (Sn) : 10240

PS E:\Pak herfandi>

3.

4. Praktikum 3.4



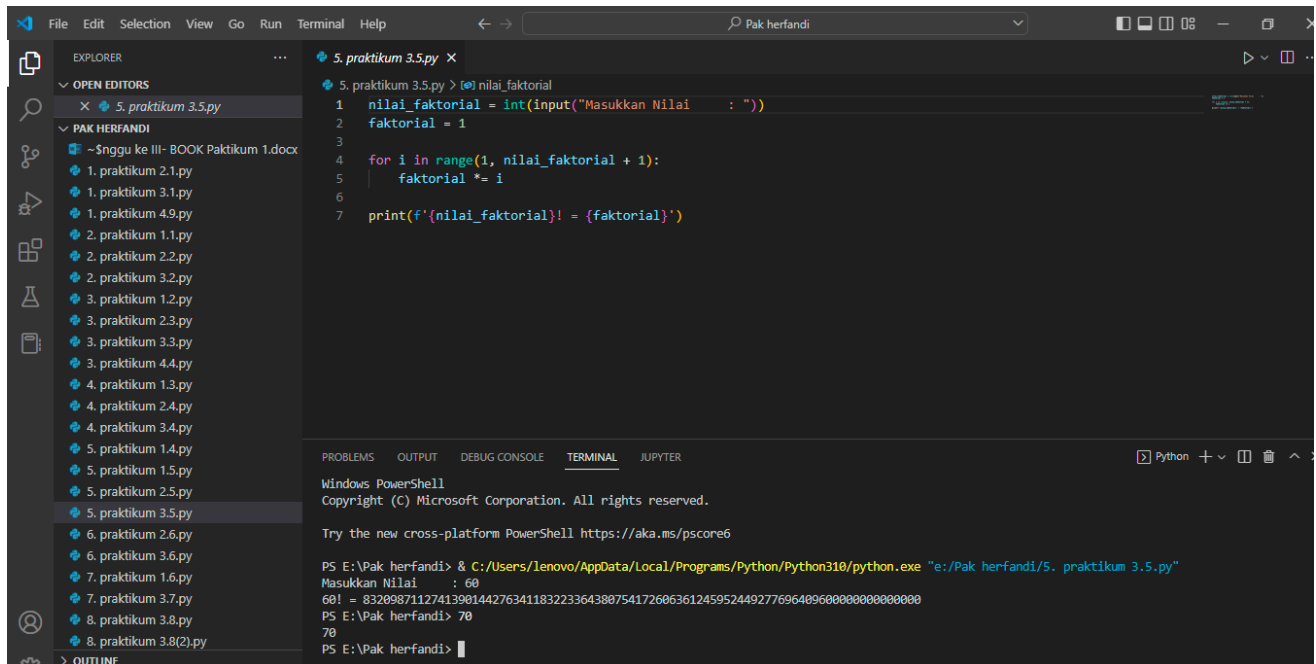
```
File Edit Selection View Go Run Terminal Help
4.praktikum 3.4.py X
4.praktikum 3.4.py > nilai_awal
1 nilai_awal = int(input("Nilai Awal = "))
2 nilai_kedua = int(input("Nilai Kedua = "))
3
4 Nilai_pangkat = nilai_awal * nilai_kedua
5 print(f"Hasil pangkat = {Nilai_pangkat}")

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Windows PowerShell
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PS E:\Pak herfandi> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Pak herfandi/4. praktikum 3.4.py"
Nilai Awal = 40
Nilai Kedua = 70
Hasil pangkat = 2800
PS E:\Pak herfandi>
```

5. Praktikum 3.5



```
File Edit Selection View Go Run Terminal Help
5.praktikum 3.5.py X
5.praktikum 3.5.py > nilai_faktorial
1 nilai_faktorial = int(input("Masukkan Nilai : "))
2 faktorial = 1
3
4 for i in range(1, nilai_faktorial + 1):
5     faktorial *= i
6
7 print(f'{nilai_faktorial}! = {faktorial}')

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Windows PowerShell
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PS E:\Pak herfandi> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Pak herfandi/5. praktikum 3.5.py"
Masukkan Nilai : 60
60! = 83209871127413981442763411832233643887541726063612459524492776964096000000000000000
PS E:\Pak herfandi> 70
70
PS E:\Pak herfandi>
```

6. Praktikum 3.6

```
File Edit Selection View Go Run Terminal Help
6. praktikum 3.6.py X
6. praktikum 3.6.py > angka_rahasia
1 angka_rahasia = 5
2 while True :
3     tebak = int(input("Masukkan angka 1-9 : "))
4
5     if tebak == angka_rahasia :
6         print("Selamat Tebakan Benar")
7         break
8     elif tebak < angka_rahasia :
9         print("Angka Terlalu Kecil")
10    elif tebak > angka_rahasia :
11        print("Angka Terlalu Besar")
12

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PS E:\Pak herfandi> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Pak herfandi/6. praktikum 3.6.py"
Masukkan angka 1-9 : 7
Angka Terlalu Besar
Masukkan angka 1-9 : 9
Angka Terlalu Besar
Masukkan angka 1-9 : █
```

7. Praktikum 3.7

```
File Edit Selection View Go Run Terminal Help
7. praktikum 3.7.py X
7. praktikum 3.7.py > nilai_X
1 nilai_X = int(input("Masukkan Nilai A = "))
2 nilai_Y = int(input("Masukkan Nilai B = "))
3
4 hasil = 0
5 for suku in range(nilai_X, nilai_Y):
6     hasil = hasil + suku
7     print(suku, end=" ")
8
9 print(f"\nJumlah = {hasil}")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS E:\Pak herfandi> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Pak herfandi/7. praktikum 3.7.py"
Masukkan Nilai A = 50
Masukkan Nilai B = 80
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
Jumlah = 1935
PS E:\Pak herfandi> █
```