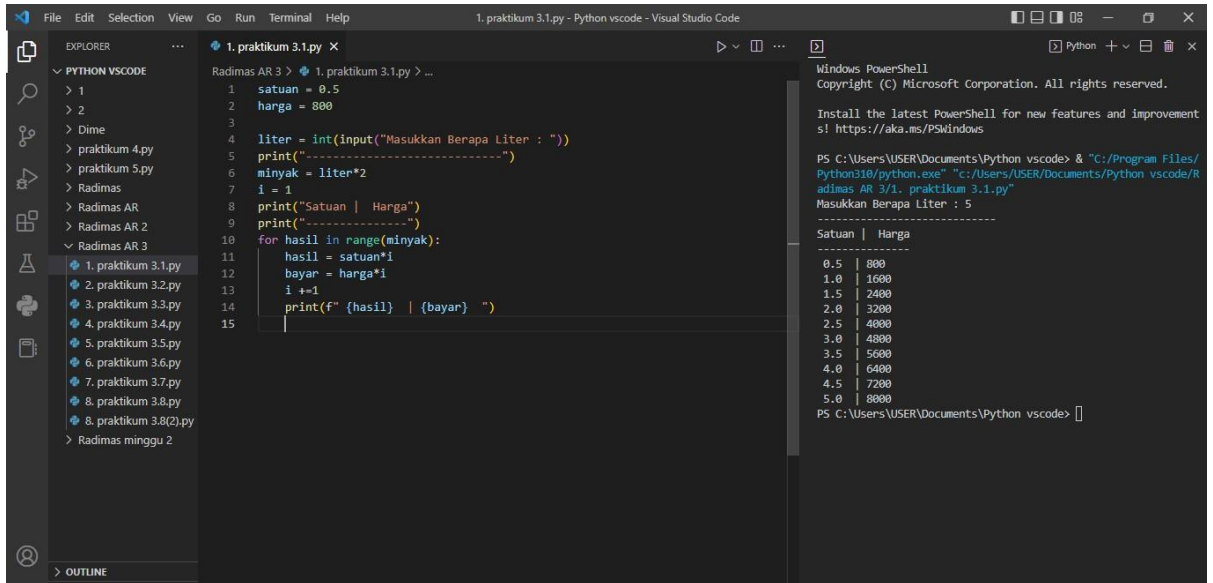


NAMA : Nisrina Nisyah
NIM : 211001010
KELAS : D/KECERDASAN BUATAN

➤ Praktikum 3

1. Praktikum 3.1



```
1. praktikum 3.1.py - Python vscod - Visual Studio Code

File Edit Selection View Go Run Terminal Help

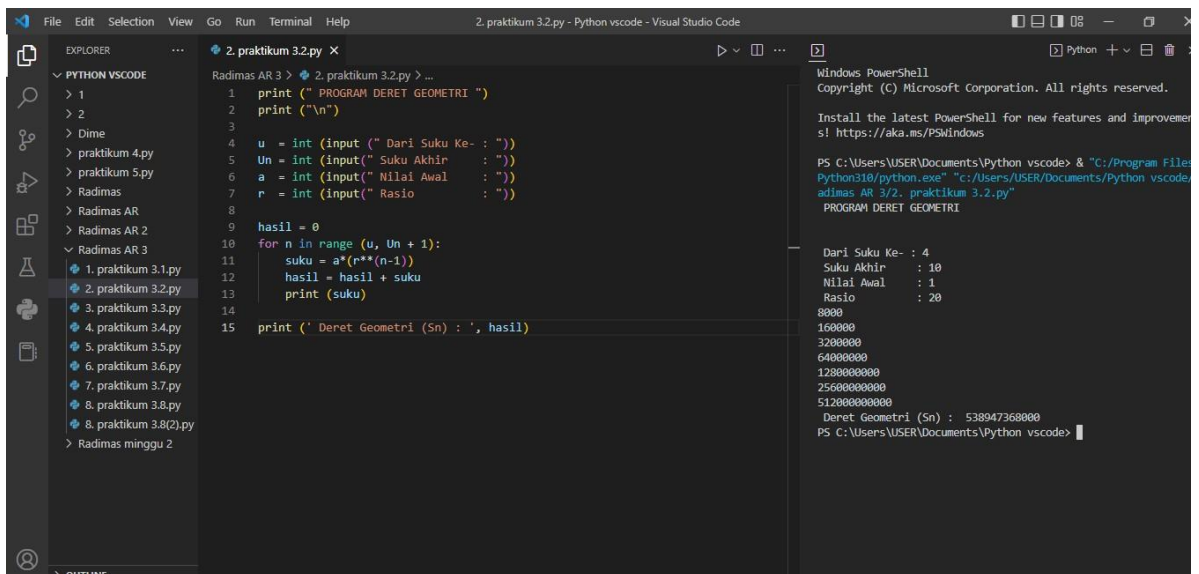
EXPLORER
PYTHON VSCODE
> 1
> 2
> Dime
> praktikum 4.py
> praktikum 5.py
> Radimas
> Radimas AR
> Radimas AR 2
> Radimas AR 3
  1. praktikum 3.1.py
  2. praktikum 3.2.py
  3. praktikum 3.3.py
  4. praktikum 3.4.py
  5. praktikum 3.5.py
  6. praktikum 3.6.py
  7. praktikum 3.7.py
  8. praktikum 3.8.py
  8. praktikum 3.8(2).py
  Radimas minggu 2
> OUTLINE

1. praktikum 3.1.py X
Radimas AR 3 > 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
```

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PS C:\Users\USER\Documents\Python vscod> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscod/Radimas AR 3/1. praktikum 3.1.py"
Masukkan Berapa Liter : 5

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 C:\Users\USER\Documents\Python vscod>

2. Praktikum 3.2



```
2. praktikum 3.2.py - Python vscod - Visual Studio Code

File Edit Selection View Go Run Terminal Help

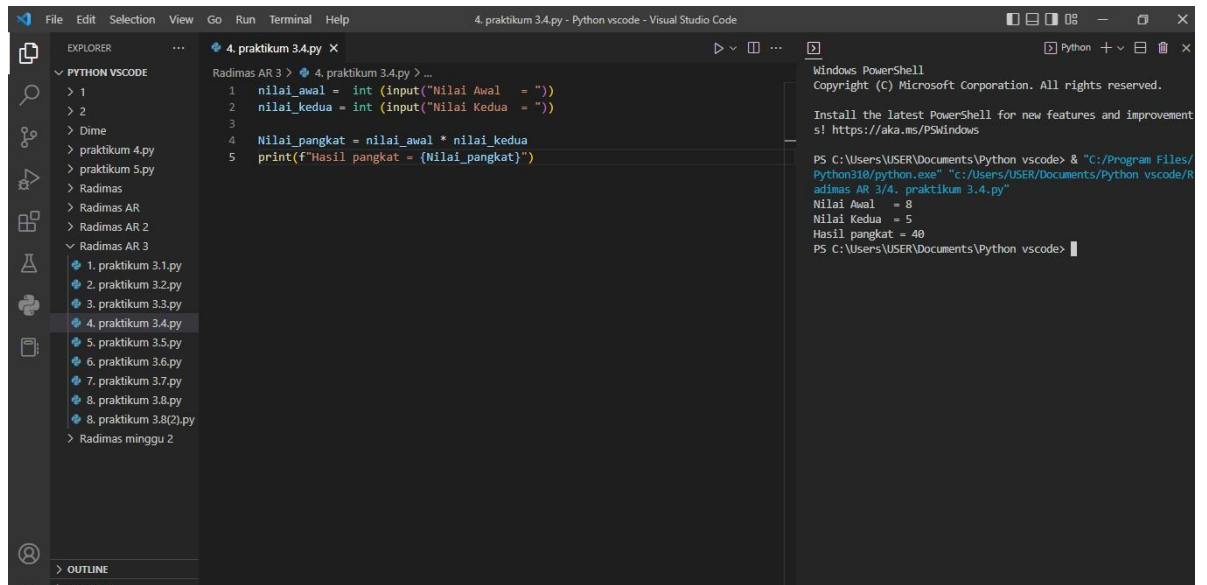
EXPLORER
PYTHON VSCODE
> 1
> 2
> Dime
> praktikum 4.py
> praktikum 5.py
> Radimas
> Radimas AR
> Radimas AR 2
> Radimas AR 3
  1. praktikum 3.1.py
  2. praktikum 3.2.py
  3. praktikum 3.3.py
  4. praktikum 3.4.py
  5. praktikum 3.5.py
  6. praktikum 3.6.py
  7. praktikum 3.7.py
  8. praktikum 3.8.py
  8. praktikum 3.8(2).py
  Radimas minggu 2
> OUTLINE

2. praktikum 3.2.py X
Radimas AR 3 > 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)
```

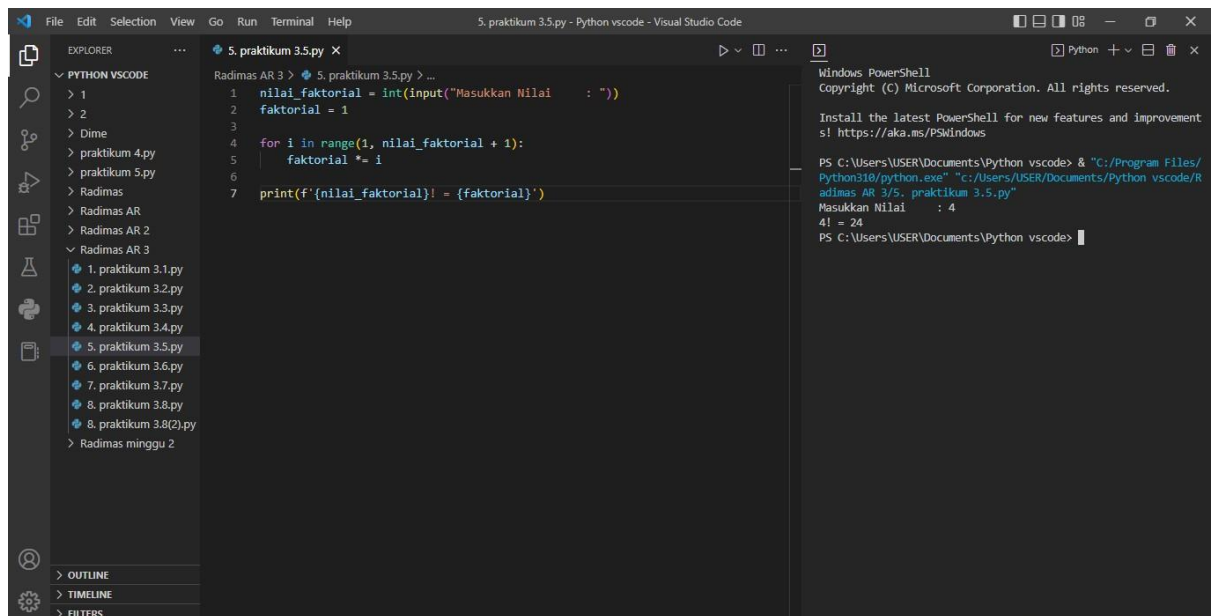
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PS C:\Users\USER\Documents\Python vscod> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscod/Radimas AR 3/2. praktikum 3.2.py"
PROGRAM DERET GEOMETRI

Dari Suku Ke- : 4
Suku Akhir : 10
Nilai Awal : 1
Rasio : 20
8000
160000
3200000
64000000
1280000000
25600000000
512000000000
Deret Geometri (Sn) : 538947368000
PS C:\Users\USER\Documents\Python vscod>

3. Praktikum 3.4



4. Praktikum 3.5



5. Praktikum 3.6

The screenshot shows the Visual Studio Code interface with a Python file named '6. praktikum 3.6.py' open. The code is a number guessing game where the user has to guess a secret number (8) within 9 attempts. The program prints 'Selamat Tebakkan Benar' if the guess is correct, 'Angka Terlalu Kecil' if the guess is too low, and 'Angka Terlalu Besar' if the guess is too high. The terminal on the right shows the execution of the script, with the user entering '7' as a guess, which is marked as 'Angka Terlalu Kecil'.

```
File Edit Selection View Go Run Terminal Help 6. praktikum 3.6.py - Python vscodex - Visual Studio Code

EXPLORER
PYTHON VSCODE
> 1
> 2
> Dime
> praktikum 4.py
> praktikum 5.py
> Radimas
> Radimas AR
> Radimas AR 2
> Radimas AR 3
  1. praktikum 3.1.py
  2. praktikum 3.2.py
  3. praktikum 3.3.py
  4. praktikum 3.4.py
  5. praktikum 3.5.py
  6. praktikum 3.6.py
  7. praktikum 3.7.py
  8. praktikum 3.8.py
  8. praktikum 3.8(2).py
  Radimas minggu 2
OUTLINE
TIMELINE

Radimas AR 3 > 6. praktikum 3.6.py > ...
1 angka_rahasia = 8
2 while True :
3     tebak = int(input("Masukkan angka 1-9 : "))
4
5     if tebak == angka_rahasia :
6         print("Selamat Tebakkan 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 C:\Users\USER\Documents\Python vscodex> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscodex/Radimas AR 3/6. praktikum 3.6.py"
Masukkan angka 1-9 : 7
Angka Terlalu Kecil
Masukkan angka 1-9 : 55
Angka Terlalu Besar
Masukkan angka 1-9 : 9
Angka Terlalu Besar
Masukkan angka 1-9 : 8
Selamat Tebakkan Benar
PS C:\Users\USER\Documents\Python vscodex>
```

6. Praktikum 3.7

The screenshot shows the Visual Studio Code interface with a Python file named '7. praktikum 3.7.py' open. The code is a program that takes two numbers, 'nilai_X' and 'nilai_Y', as input and calculates the sum of all integers from 'nilai_X' to 'nilai_Y'. The program prints the sum of the numbers. The terminal on the right shows the execution of the script, with the user entering '1' for 'nilai_X' and '15' for 'nilai_Y', resulting in a sum of 105.

```
File Edit Selection View Go Run Terminal Help 7. praktikum 3.7.py - Python vscodex - Visual Studio Code

EXPLORER
PYTHON VSCODE
> 1
> 2
> Dime
> praktikum 4.py
> praktikum 5.py
> Radimas
> Radimas AR
> Radimas AR 2
> Radimas AR 3
  1. praktikum 3.1.py
  2. praktikum 3.2.py
  3. praktikum 3.3.py
  4. praktikum 3.4.py
  5. praktikum 3.5.py
  6. praktikum 3.6.py
  7. praktikum 3.7.py
  8. praktikum 3.8.py
  8. praktikum 3.8(2).py
  Radimas minggu 2
OUTLINE

Radimas AR 3 > 7. praktikum 3.7.py > ...
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}")

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PS C:\Users\USER\Documents\Python vscodex> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscodex/Radimas AR 3/7. praktikum 3.7.py"
Masukkan Nilai A = 1
Masukkan Nilai B = 15
1 2 3 4 5 6 7 8 9 10 11 12 13 14
Jumlah = 105
PS C:\Users\USER\Documents\Python vscodex>
```