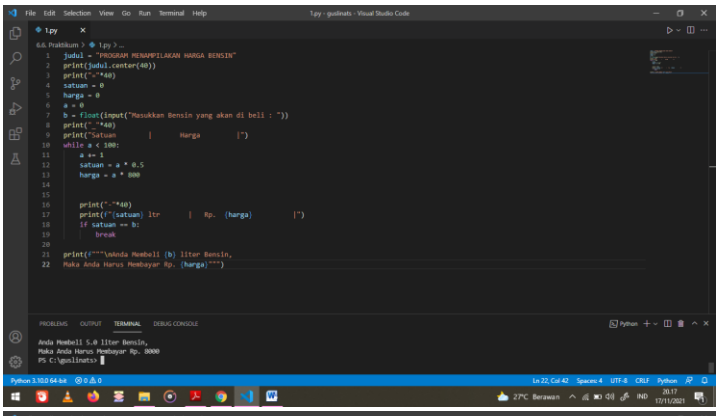
Nama : Guslina Tri Santika

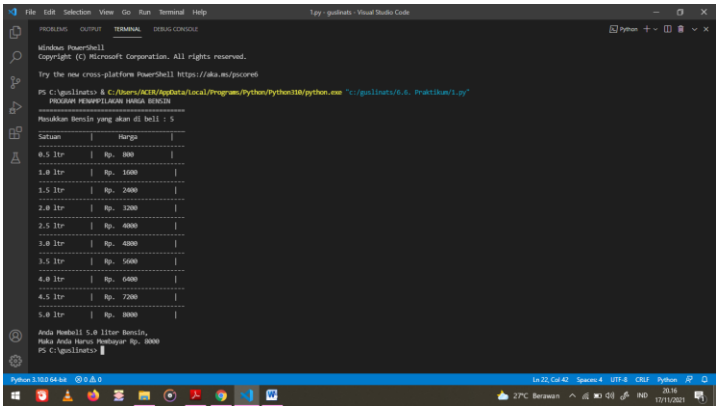
NIM : 20.01.013.049

Kelas : Artificial Intelligence - 3B

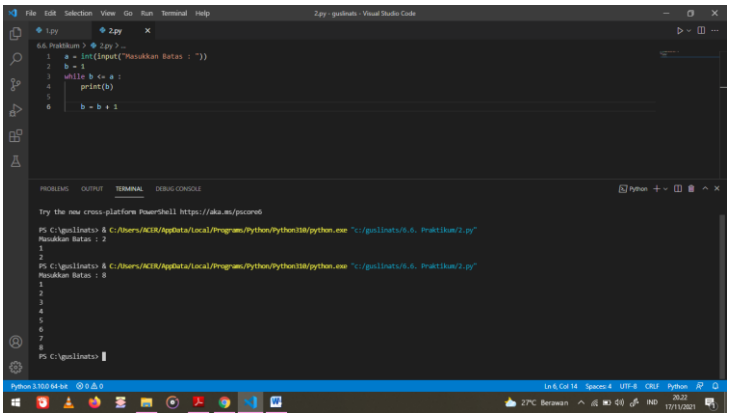
TUGAS PRAKTIKUM PYTHON-3

1.

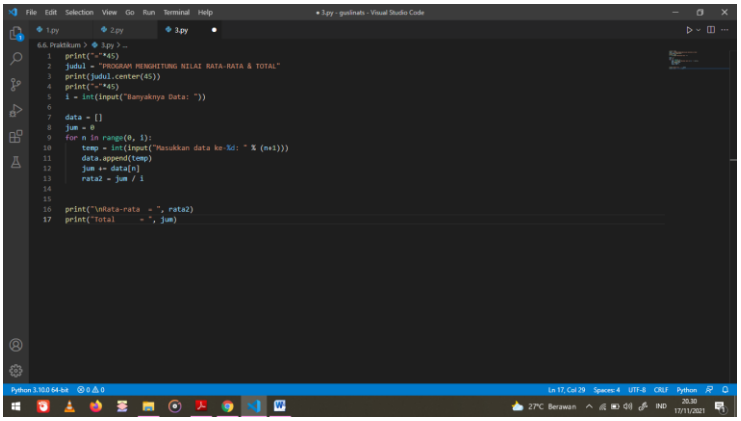




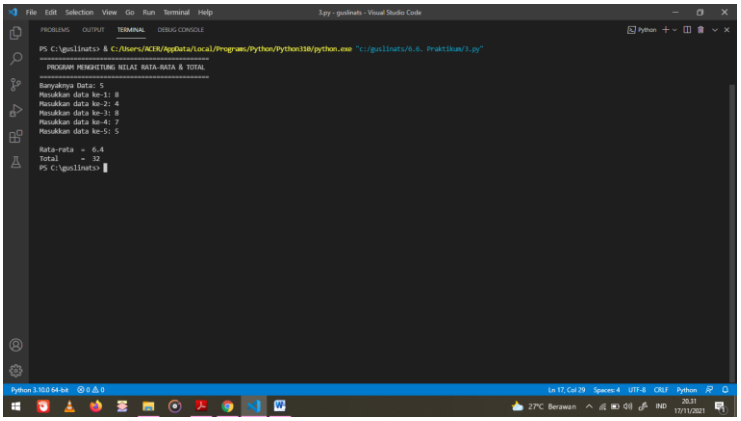
2.



3.

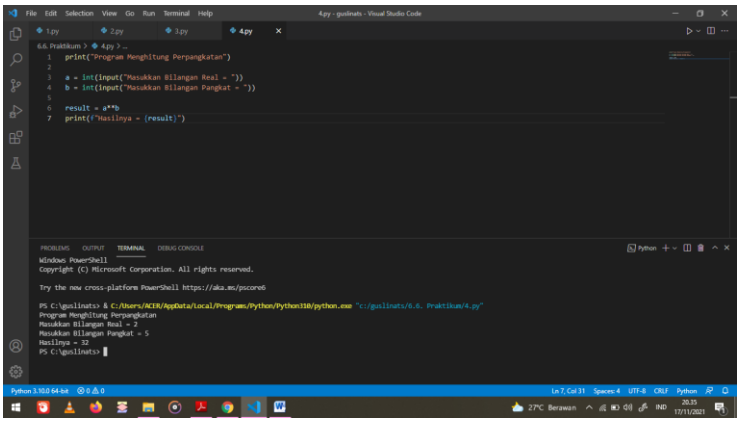


```
print("="*45)
judul = "PROGRAM MENGHITUNG NILAI RATA-RATA & TOTAL"
print(judul.center(45))
print("="*45)
i = int(input("Banyaknya Data: "))

data = []
jum = 0
for n in range(0, i):
    temp = int(input("Masukkan data ke-%d: " % (n+1)))
    data.append(temp)
    jum += data[n]
    rata2 = jum / i


print("\nRata-rata  = ", rata2)
print("Total      = ", jum)
```



```
PS C:\guslinats> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/guslinats/6.6. Praktikum/3.py"
==========================================
  PROGRAM MENGHITUNG NILAI RATA-RATA & TOTAL
==========================================
Banyaknya Data: 5
Masukkan data ke-1: 8
Masukkan data ke-2: 4
Masukkan data ke-3: 8
Masukkan data ke-4: 7
Masukkan data ke-5: 5

Rata-rata  =  6.4
Total      =  32
PS C:\guslinats>
```

4.



```
print("Program Menghitung Perpangkatan")

a = int(input("Masukkan Bilangan Real = "))
b = int(input("Masukkan Bilangan Pangkat = "))

result = a**b
print(f"Hasilnya = {result}")
```



```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\guslinats> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/guslinats/6.6. Praktikum/4.py"
Program Menghitung Perpangkatan
Masukkan Bilangan Real = 2
Masukkan Bilangan Pangkat = 5
Hasilnya = 32
PS C:\guslinats>
```
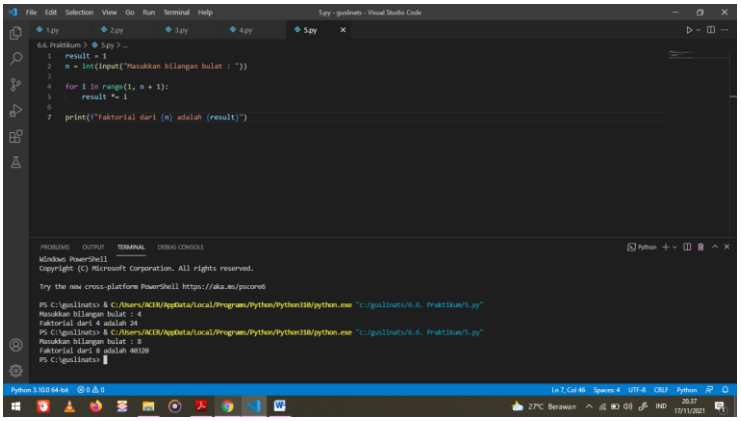

5.



```
result = 1
n = int(input("Masukkan bilangan bulat : "))

for i in range(1, n + 1):
    result *= i

print(f"Faktorial dari {n} adalah {result}")
```



```
Windows PowerShell
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PS C:\guslinats> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/guslinats/6.6. Praktikum/5.py"
Masukkan bilangan bulat : 4
Faktorial dari 4 adalah 24
PS C:\guslinats> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/guslinats/6.6. Praktikum/5.py"
Masukkan bilangan bulat : 8
Faktorial dari 8 adalah 40320
PS C:\guslinats>
```
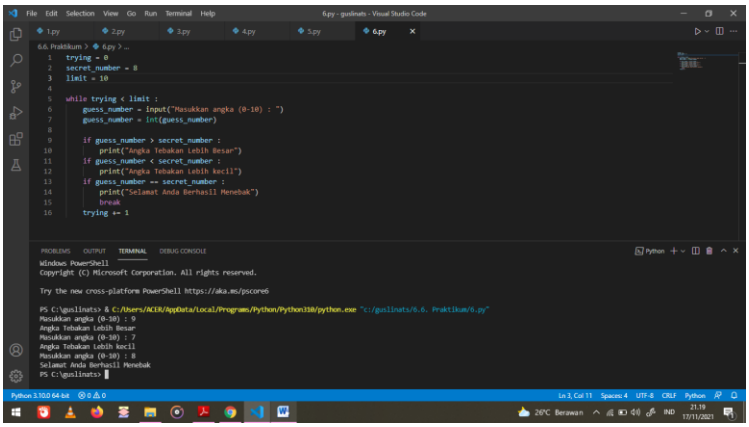

6.


6.py - guslinats - Visual Studio Code
trying = 0
secret_number = 8
limit = 10
while trying < limit :
guess_number = input("Masukkan angka (0-10) : ")
guess_number = int(guess_number)
if guess_number > secret_number :
print("Angka Tebakan Lebih Besar")
if guess_number < secret_number :
print("Angka Tebakan Lebih kecil")
if guess_number == secret_number :
print("Selamat Anda Berhasil Menebak")
break
trying += 1
Windows PowerShell
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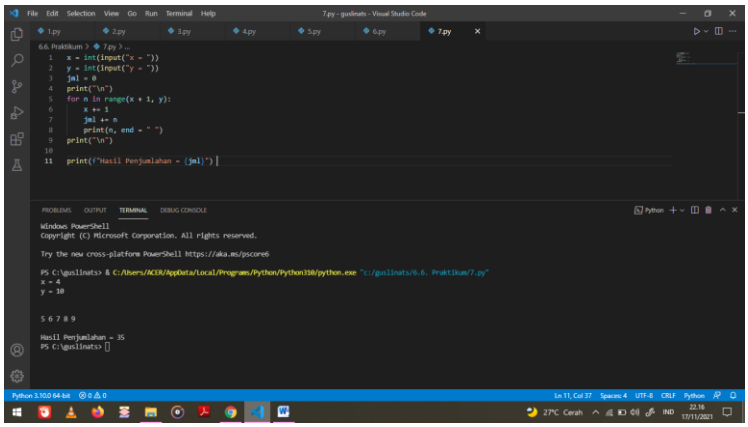
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\guslinats> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/guslinats/6.6. Praktikum/6.py"
Masukkan angka (0-10) : 9
Angka Tebakan Lebih Besar
Masukkan angka (0-10) : 7
Angka Tebakan Lebih kecil
Masukkan angka (0-10) : 8
Selamat Anda Berhasil Menebak
PS C:\guslinats>

7.


7.py - guslinats - Visual Studio Code
x = int(input("x = "))
y = int(input("y = "))
jml = 0
print("\n")
for n in range(x + 1, y):
x += 1
jml += n
print(n, end = " ")
print("\n")
print(f"Hasil Penjumlahan = {jml}")
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\guslinats> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/guslinats/6.6. Praktikum/7.py"
x = 4
y = 10
5 6 7 8 9
Hasil Penjumlahan = 35
PS C:\guslinats>