

MAREESWARAN G

DAY-1

# 1. Variable Declaration

Day-1 > Hello.py > ...

```
1 name=input("Enter Your Name:")
2 print(f"Hello, {name}!")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

SQL CONSOLE

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

PS E:\edu\python\5AM-Coding-Assgiment\Coding> cd day-1

PS E:\edu\python\5AM-Coding-Assgiment\Coding\day-1> python Hello.py

Enter Your Name:Mari

Hello, Mari!

PS E:\edu\python\5AM-Coding-Assgiment\Coding\day-1>

## 2.OPERATORS



Day-1 > operators.py > ...

```
1 x=int(input("x:"))
2 y=int(input("y:"))
3 #Addition
4 print("Addition:",x+y)
5 #Subtraction
6 print("Subtraction:",x-y)
7 #Multiplication
8 print("Multiplication",x*y)
9 #Division
10 print("Division:",x/y)
11 #Modulus
12 print("Modulus:",x%y)
13 #Equal
14 print(x==y)
15 #NotEqual
16 print(x!=y)
17 #Greater than
18 print(x>y)
19 #less than
20 print(x<y)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL SQL CONSOLE

```
PS E:\edu\python\SAM-Coding-Assgiment\Coding\day-1> python operators.py
x:7
y:4
Addition: 11
Subtraction: 3
Multiplication 28
Division: 1.75
Modulus: 3
False
True
True
False
PS E:\edu\python\SAM-Coding-Assgiment\Coding\day-1> █
```

### 3.If CONDITION

Day-1 >  big\_num.py >  x

```
1  x=int(input("X:"))
2  y=int(input("Y:"))
3
4  #IF condition
5  if x>y:      #X Greater than Y
6      print("X is biggest number")
7  else:
8      print("Y is biggest number")
```

PROBLEMS

OUTPUT

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TERMINAL


SQL CONSOLE

PS E:\edu\python\5AM-Coding-Assgiment\Coding\day-1> **python** big\_num.py


X:6

Y:3

X is biggest number

PS E:\edu\python\5AM-Coding-Assgiment\Coding\day-1> 

## 4.FOR LOOP

Day-1 >  loop.py > ...

```
1  #List Declaration
2  names=["Mari","Vignesh","TMB","Jeyaguru"]
3
4  #for Loop
5  for i in names:
6      print(f"Hello, {i}!")
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

SQL CONSOLE


PS E:\edu\python\5AM-Coding-Assgiment\Coding\day-1> python loop.py

Hello, Mari!

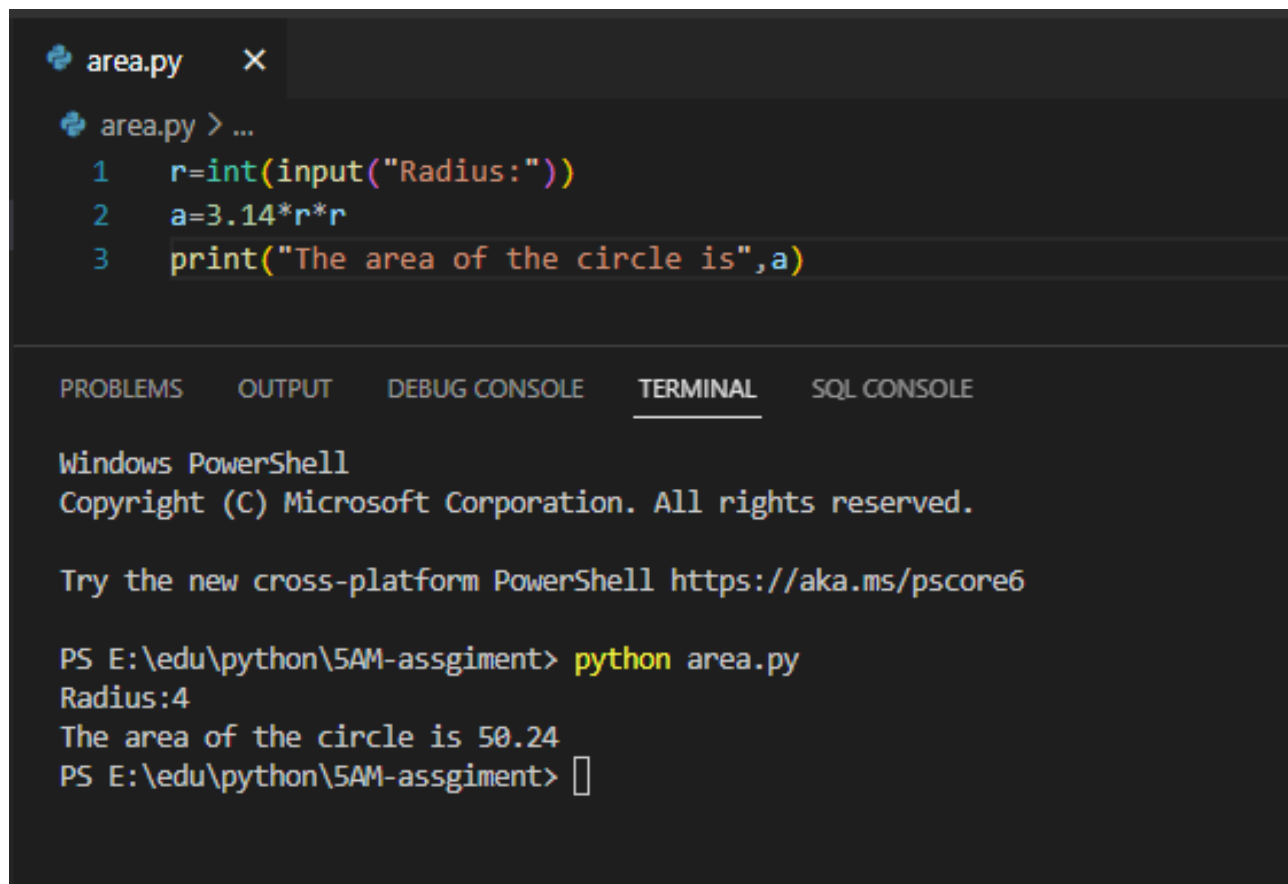
Hello, Vignesh!

Hello, TMB!

Hello, Jeyaguru!

PS E:\edu\python\5AM-Coding-Assgiment\Coding\day-1> 

## 5.THE AREA OF CIRCLE



The image shows a code editor window with a file named `area.py`. The code in the editor is as follows:

```
1 r=int(input("Radius:"))
2 a=3.14*r*r
3 print("The area of the circle is",a)
```

Below the code editor is a terminal window. The terminal shows the execution of the program in a Windows PowerShell environment. The output is as follows:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS E:\edu\python\5AM-assgiment> python area.py
Radius:4
The area of the circle is 50.24
PS E:\edu\python\5AM-assgiment> 
```

## Day-2

### 1(s). Hello World

```
Day-2 > 📄 helloWorld.py
1  print("Hello, Word!")
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   SQL CONSOLE

```
PS E:\edu\python\5AM-Coding-Assgiment\Coding\Day-2> python helloWorld.py
Hello, Word!
PS E:\edu\python\5AM-Coding-Assgiment\Coding\Day-2> █
```

### 2(s). Sum of Two Number

```
Day-2 > 📄 sumTwoNum.py > ...
1  num1=int(input("Enter a number 1:"))
2  num2=int(input("Enter a number 2:"))
3
4  sum=num1+num2
5
6  print(f"{num1} + {num2} = {sum}")
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   SQL CONSOLE

```
PS E:\edu\python\5AM-Coding-Assgiment\Coding\Day-2> python sumTwoNum.py
Enter a number 1:37
Enter a number 2:84
37+84=121
PS E:\edu\python\5AM-Coding-Assgiment\Coding\Day-2> python sumTwoNum.py
Enter a number 1:10
Enter a number 2:30
10 + 30 = 40
PS E:\edu\python\5AM-Coding-Assgiment\Coding\Day-2> █
```

## 1(a). Programmer

```
Day-2 > 📄 coder.py > ...
1  name=input("Enter Your Name:")
2  print(f"{name} is a programmer.")

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  SQL CONSOLE

PS E:\edu\python\5AM-Coding-Assgiment\Coding\Day-2> python coder.py
Enter Your Name:Mareeswaran
Mareeswaran is a programmer.
PS E:\edu\python\5AM-Coding-Assgiment\Coding\Day-2> |
```

## 2(a). Sum of Five Number

```
Day-2 > 📄 sumFiveNum.py > ...
1  n1=int(input("Enter a number1 : "))
2  n2=int(input("Enter a number2 : "))
3  n3=int(input("Enter a number3 : "))
4  n4=int(input("Enter a number4 : "))
5  n5=int(input("Enter a number5: "))
6
7  sum=n1+n2+n3+n4+n5
8
9  print(f"Sum of Five Number is {sum}")

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  SQL CONSOLE

PS E:\edu\python\5AM-Coding-Assgiment\Coding\Day-2> python sumFiveNum.py
Enter a number1 : 10
Enter a number2 : 74
Enter a number3 : 79
Enter a number4 : 46
Enter a number5: 95
Sum of Five Number is 304
PS E:\edu\python\5AM-Coding-Assgiment\Coding\Day-2> |
```