cameandsnake.py

Sprint1 > Python_Programming_Task_Practice - 2 > cameandsnake.py > fullName

```python
fullName="Dhinesh Kumaar N" #camel case
currentAge=21
dateOfBirth = "2003-09-25"
heightInFeet = 6.1
weightInKg = 80.5
highestDegree = "B.E Civil Engineering"
isStudent = True

print("Camel case naming convention")
print("Full Name: ", fullName)
print("Current Age: ", currentAge)
print("Date of Birth: ", dateOfBirth)
print("Height in Feet: ", heightInFeet)
print("Weight in Kg: ", weightInKg)
print("Highest Degree: ", highestDegree)
print("Is Student: ", isStudent)


full_Name="Dhinesh Kumaar N" #snake case
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
Is Student:  True

Snake case naming convention
Full Name:  Dhinesh Kumaar N
Current Age:  21
Date of Birth:  2003-09-25
Height in Feet:  6.1
Weight in Kg:  80.5
Highest Degree:  B.E Civil Engineering
Is Student:  True
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF { } Python 3.13.1 64-bit Go Live

cirarea.py

Sprint1 > Python_Programming_Task_Practice - 2 > cirarea.py > PI

```python
PI=3.14159
radius= 10
print(PI * (radius**2))
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2/cirarea.py"
314.159
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

listope.py

Sprint1 > Python_Programming_Task_Practice - 2 > listope.py > movies

```python
movies=["Bigil","Master","SooraraiPottru","Asuran","Viswasam"]
print("First Element: ", movies[0], "\nLast Eleemnt: ", movies[-1])
movies[4]="Good Bad Ugly"
print(movies)
movies.append("Viswasam")
print(movies)

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2
/listope.py"
First Element:  Bigil
Last Eleemnt:  Viswasam
['Bigil', 'Master', 'SooraraiPottru', 'Asuran', 'Good Bad Ugly']
['Bigil', 'Master', 'SooraraiPottru', 'Asuran', 'Good Bad Ugly', 'Viswasam']
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

sumtwonum.py

Sprint1 > Python_Programming_Task_Practice - 2 > sumtwonum.py > sumtwo

```python
def sumtwo(a,b):
    return a+b


a=10
b=20
print(sumtwo(a,b))

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2
/sumtwonum.py"
30
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

cirarea.py

Sprint1 > Python_Programming_Task_Practice - 2 > cirarea.py > PI

```python
PI=3.14159
radius= 10
print(PI * (radius**2))
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2
/cirarea.py"
314.159
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

rectarea.py

Sprint1 > Python_Programming_Task_Practice - 2 > rectarea.py > length

```python
length=float(input("Enter the length of the rectangle: "))
width=float(input("Enter the width of the rectangle: "))
area=length*width
print("The area of the rectangle is", area)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2
/rectarea.py"
Enter the length of the rectangle: 5
Enter the width of the rectangle: 4
The area of the rectangle is 20.0
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

triarea.py

Sprint1 > Python_Programming_Task_Practice - 2 > triarea.py > base

```python
base=float(input("Enter the base of the triangle: "))
height=float(input("Enter the height of the triangle: "))
area=(base*height)/2
print("The area of the triangle is", area)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2/triarea.py"
Enter the base of the triangle: 10
Enter the height of the triangle: 5
The area of the triangle is 25.0
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF { } Python 3.13.1 64-bit Go Live

simcalc.py

Sprint1 > Python_Programming_Task_Practice - 2 > simcalc.py > num1

```python
num1=float(input("Enter the first number: "))
num2=float(input("Enter the second number: "))
print("Addition: ", num1+num2)
print("Subtraction: ", num1-num2)
print("Multiplication: ", num1*num2)
print("Division: ", num1/num2)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2
/simcalc.py"
Enter the first number: 10
Enter the second number: 20
Addition:  30.0
Subtraction:  -10.0
Multiplication:  200.0
Division:  0.5
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

assignope.py

Sprint1 > Python_Programming_Task_Practice - 2 > assignope.py > num

```python
num=5
print("Initial num:", num)
num+=10
print("After adding 10:", num)
num -= 10
print("After subtracting 10:", num)
num *= 10
print("After multiplying by 10:", num)
num /= 10
print("After dividing by 10:", num)

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2
/assignope.py"
Initial num: 5
After adding 10: 15
After subtracting 10: 5
After multiplying by 10: 50
After dividing by 10: 5.0
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

assignope2.py

Sprint1 > Python_Programming_Task_Practice - 2 > assignope2.py > num

```python
num=5
print("Initial num:", num)
num+=10
print("After adding 10:", num)
num -= 10
print("After subtracting 10:", num)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2
/assignope2.py"
Initial num: 5
After adding 10: 15
After subtracting 10: 5
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

compoper.py

Sprint1 > Python_Programming_Task_Practice - 2 > compoper.py > num1

```python
num1=5
num2=10
print("== operator: ", num1==num2)
print("!= operator: ", num1!=num2)
print("> operator: ", num1>num2)
print("< operator: ", num1<num2)
print(">= operator: ", num1>=num2)
print("<= operator: ", num1<=num2)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2
/compoper.py"
== operator:  False
!= operator:  True
> operator:  False
< operator:  True
>= operator:  False
<= operator:  True
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

logope.py

Sprint1 > Python_Programming_Task_Practice - 2 > logope.py > is_student

```python
is_student= True
is_Employee= False

if is_student and is_Employee:
    print("You are a student and an employee")
elif is_student or is_Employee:
    print("You are either a student or an employee")
elif not is_student:
    print("You are not a student")
elif not is_Employee:
    print("You are not an employee")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2/logope.py"
You are either a student or an employee
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

swaptwo.py

Sprint1 > Python_Programming_Task_Practice - 2 > swaptwo.py > a

```python
a=5
b=10
b=a+b
a=b-a
b=b-a
print("a:", a)
print("b:", b)

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2/swaptwo.py"
a: 10
b: 5
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

avg.py

Sprint1 > Python_Programming_Task_Practice - 2 > avg.py > num1

```python
num1=int(input("Enter the first number: "))
num2=int(input("Enter the second number: "))
num3=int(input("Enter the third number: "))
avg=(num1+num2+num3)/3
print("The average of", num1, ",", num2, "and", num3, "is", avg)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2/avg.py"
Enter the first number: 5
Enter the second number: 10
Enter the third number: 5
The average of 5 , 10 and 5 is 6.666666666666667
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

arthoper.py

Sprint1 > Python_Programming_Task_Practice - 2 > arthoper.py > a

```python
a = 10
b = 30
c = 12
d = 3
compound_arthmetic= (a + b) * c / d
print(compound_arthmetic)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2/arthoper.py"
160.0
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

marks.py

Sprint1 > Python_Programming_Task_Practice - 2 > marks.py > Tamil

```python
Tamil=100
English=95
Maths=83
Science=86
Social=89

Total=Tamil+English+Maths+Science+Social
Average=Total/5

print("Total Marks:", Total)
print("Average Marks:", Average)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint1/Python_Programming_Task_Practice - 2/marks.py"
Total Marks: 453
Average Marks: 90.6
PS D:\AgileTribers-Internship>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live