Exercises

Mastering Python
الدرس 2#_1

Python's Language Basics

اساسيات لغة بايثون

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Exercises

1. Write a Python program to print the following string in a specific format
Hello
    Hello
        Hello

2. Write a Python program to print the string "Orange Academy" 20 times each in a new line.

3. What is the output of the following :
```
x = float(1)
y = float(2.8)
z = float("3")
w = float("4.2")
print(x,y,z,w,sep='10')
```

Exercises

4. Accept two int values from the user and return their product

5. Accept five int values from the user and return their average

6. What is the output of the following :
```
x = 1
y = 2.8
z = 1j
o="Orange"
A=True
print(type(x))
print(type(y))
print(type(z))
print(type(o))
print(type(A))
```

Exercises

7. What is the output of the following :
```
x, y= "Orange", 1
X1,y1 = 100, -10
print(x)
print(y)
print(x1)
print(y1)
```

8. What is wrong with this program
```
5x=10
print(5x)
X_q$ = "Orange"
print(X_q$ )
A B = 14
print (A B)
Print("10" * 10)
```

Exercises

9. What is the output of the following :

```
x, y= "Orange", 1
X1,y1 = 100, -10
print(x)
print(y)
print(x1)
print(y1)
```

10. What is wrong with this program? Correct all errors

```
5x=10
print(5x)
X_q$ = "Orange"
print(X_q$ )
A B = 14
print (A B)
Print("10" * 10)
```

11. What is the output of the following   :
#print("Hello, World!")
print("Cheers, Mate!") # This is the program
"""Testing
The Code
"""

12. Create a program that asks the user to enter their name and their age. Print out a message addressed to them that tells them the year that they will turn 100 years old.

13. Write a Python program that will accept the base and height of a triangle and compute the area and print a message of the Area.

Exercises

14. What is the output of the following :

```
x=11
y=3
print(x + y)
print(x-y)
print(x * y)
print(x / y)
print(x // y)
print(x % y)
print(abs(x * -1))
print(int(x))
print(float(x))
print(divmod(x, y))
print(pow(x, y))
print(x ** y)
print( x>y)
print(x==y)
print(x !=y)
```

End of the lesson

Thank You

Master in Software Engineering

Hussam Hourani has over 25 years of Organizations Transformation, VROs, PMO, Large Scale and Enterprise Programs Global Delivery, Leadership, Business Development and Management Consulting. His client experience is wide ranging across many sectors but focuses on Performance Enhancement, Transformation, Enterprise Program Management, Artificial Intelligence and Data Science.