Student Information

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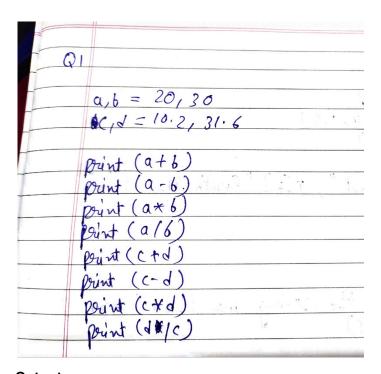
• Branch: MCA

• Instructor: Abhirup Khanna

• Date: 22-07-2024

Question 1: Basic Arithmetic Operations

Task: Write a program that performs basic arithmetic operations (addition, subtraction, multiplication, and division) using integers and floats. Print the results.



```
PS D:\Mca_upes> python -u
nment_1\q1.py"
50
-10
600
0.6666666666666666
41.8
-21.400000000000002
322.32
3.098039215686275
```

Question 2: String Concatenation

Task: Write a program that takes two strings as input, concatenates them, and prints the result.

```
PS D:\Mca_upes> python -u signment_1\q2.py"
Hello WorldPS D:\Mca_upes>
```

Question 3: List Manipulation

Task: Create a list of five integers. Replace the third element with a new integer and print the updated list.

```
PS D:\Mca_upes> python -u "d:\Mca_upes
signment_1\q3.py"
Before Manuplation: [1, 2, 3, 4, 5]
After Manuplation: [1, 2, 44, 4, 5]
PS D:\Mca_upes>
```

Question 4: Array Initialization and Access

Task: Initialize an array with five float numbers. Access and print the second and fourth Elements.

```
impost pandas as pd

a=[1.1, 2.2, 3.3, 4.4, S.5]

x= pd. array (a)

print ("Second Rement", x[2], "fourth Remont:", x[3])
```

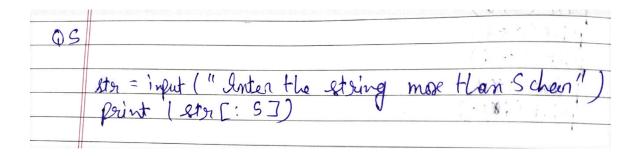
```
python -u "d:\Mca_upes\code

nment_1\q4.py"
  <FloatingArray>
  [1.1, 2.2, 3.3, 4.4, 5.5]
  Length: 5, dtype: Float64
  Second Element: 2.2 Fourth Element: 4.4

PS D:\Mca_upes> [
```

Question 5: String Slicing

Task: Write a program that takes a string input, slices the first five characters, and prints the sliced string.



```
PS D:\Mca_upes> python -u "d:\Mca_upes\codes and signment_1\q5.py"
Enter the string more than 5 char: Ayush Singh
Ayush
PS D:\Mca_upes>
```