



Artificial Intelligence

Lab 02 Tasks

Name: Dua Amir

Sap ID: 47849

Batch: BSCS-6th semester

Lab Instructor:

Ayesha Akram

Task1.**Solution:**

```
1 name = 'Dua Amir'
2 age = 20
3 phone = 923067509177
4 email = 'duaamir4211@gmail.com'
5 cnic = 3630298952490
6 address = 'Soan Garden, Islamabad'
7
8 print('Name:', name)
9 print('Age:', age)
10 print('Phone:', phone)
11 print('Email:', email)
12 print('CNIC:', cnic)
13 print('Address:', address)
```

```
Name: Dua Amir
Age: 20
Phone: 923067509177
Email: duaamir4211@gmail.com
CNIC: 3630298952490
Address: Soan Garden, Islamabad
```

Task2.**Solution:**

```
1 sapId = input('Enter you sapId: ')
2 name = input('Enter you name: ')
3
4 print(f'Hey {name}, your sapID is {sapId}')
```

```
Enter you sapId: 47849
Enter you name: Dua
Hey Dua, your sapID is 47849
```

Task3.**Solution:**

```
1 a = 10
2 b = 20
3 print(f'numbers before swap are {a} and {b} .')
4
5 temp = a
6 a = b
7 b = temp
8 print(f'numbers after swap are {a} and {b} .')
```

```
numbers before swap are 10 and 20 .
numbers after swap are 20 and 10 .
```

Task4.**Solution:**

```
1 Message = 'Programming Languages'
2
3 print("'r' found at index:", Message.find('r'))
4 print("'a' found at index:", Message.find('a'))
5 print("'m' found at index:", Message.find('m'))
6 print("'n' found at index:", Message.find('n'))
7 print("'u' found at index:", Message.find('u'))
```

```
'r' found at index: 1
'a' found at index: 5
'm' found at index: 6
'n' found at index: 9
'u' found at index: 16
```

Task5.**Solution:**

```
1 num1 = 3
2 num2 = 10
3
4 print(f'{num1} > {num2} : ', num1 > num2)
5 print(f'{num1} < {num2} : ', num1 < num2)
6 print(f'{num1} >= {num2} : ', num1 >= num2)
7 print(f'{num1} <= {num2} : ', num1 <= num2)
8 print(f'{num1} == {num2} : ', num1 == num2)
9 print(f'{num1} != {num2} : ', num1 != num2)
```

```
3 > 10 : False
3 < 10 : True
3 >= 10 : False
3 <= 10 : True
3 == 10 : False
3 != 10 : True
```
