



Artificial Intelligence

Lab 02 Tasks

Name: Samreen Bibi

Sap ID: 46484

Batch: BSCS-6th semester

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Task1

Solution:

```
1 print('Name: Samreen Bibi')
2 print('Age: 20')
3 print('Phone: 03365843075')
4 print('Email: simranraja58@gmail.com')
5 print('CNIC: 61101-4580311-4')
6 print('Address: Gulberg Greens, Islamabad')
```

```
Name: Samreen Bibi
Age: 20
Phone: 03365843075
Email: simranraja58@gmail.com
CNIC: 61101-4580311-4
Address: Gulberg Greens, Islamabad
```

Task2

Solution:

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

```
Enter your sapId: 46484
Enter your name: Samreen
Hey Samreen, your sapId is 46484.
```

Task3

Solution:

```
1  a = 23
2  b = 34
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 23 and 34.
numbers after swap are 34 and 23.
```

Task4

Solution:

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

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

Task5

Solution:

```
1 num1 = 5
2 num2 = 7
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 )
```

```
5 > 7 : False
5 < 7 : True
5 >= 7 : False
5 <= 7 : True
5 == 7 : False
5 != 7 : True
```