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### # Question 01

### Write a Python program to calculate the length of your name.

**# Answer:**

```
In [2]: name = "Bilal Ahmed Khan"
len(name)

Out[2]: 16
```

### # Question 02

### Write a Python program to get a string made of the first 2 and the last 2 chars from a given a string. (consider your name as string). Also swap the position of these chars: Take your name as input and print the sentences like this :

### The first 2 and the last 2 chars of ...Anabia.... is .... Ania

### The swapping of the first 2 and the last 2 chars : iaabAn

**# Answer:**

```
In [174]: name = "Bilal"
print("The first and the last two characters of ...",name,"... is... ",name[0:2]+name[-2:])

The first and the last two characters of ... Bilal ... is... Bial

In [175]: print("The swapping of the first 2 and the last 2 chars:", name[3:]+name[2:]+name[0:2])

The swapping of the first 2 and the last 2 chars: allBi
```

### # Question 03

### Write a Python program to get a single string from two given strings, separated by a space. (consider your name as string)

### Sample String : 'AnabiaKhan'

### Expected Result : 'Anbia','Khan'

**# Answer**

```
In [51]: name= "Bilal Ahmed"
name.split(' ')

Out[51]: ['Bilal', 'Ahmed']
```

### # Question 04

### Write a Python program to get a string from a given string where first char have been changed to 'Dollar Sign'

### Sample String : 'restart'

### Expected Result : 'sestart'.

**# Answer**

```
In [66]: sample= "Sanitize"

In [152]: print (sample)
sample.replace('S','$')

Sanitize

Out[152]: 'Sanitize'
```

### # Question 05

### 5. Write a Python program to check the characters of your name match with first chars of your father name.

### Sample String : a = 'Anabia' b = 'Khan'

### Expected Result : b[0] = a[0] or a[1] or b[2] ---- True / False

**# Answer**

```
In [177]: MyName="Bilal"
FatherName="Irfan"
MyName[0]==FatherName[0], MyName[1]==FatherName[1]

Out[177]: (False, False)
```

### # Question 06

### Write a Python code to insert a char to replace the first char of a string.

**# Answer**

```
In [120]: str1= "AppliedPhysics"

In [123]: str1.replace('A','a')

Out[123]: 'appliedPhysics'
```

### # Question 07

### Write a Python program to reverse a string

**# Answer:**

```
In [173]: city="Islamabad"
city[::-1]

Out[173]: 'dabamalaI'

In [ ]:
```

**Ran Code:**

**Jupyter** Untitled Last Checkpoint: 2 minutes ago (unsaved changes) Logout

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### Question 01

Write a Python program to calculate the length of your name.

**Answer:**

```
In [178]: name = "Bilal Ahmed Khan"
          len(name)

Out[178]: 16
```

### Question 02

Write a Python program to get a string made of the first 2 and the last 2 chars from a given string. (consider your name as string). Also swap the position of these chars: Take your name as input and print the sentences like this :

The first 2 and the last 2 chars of ...Anabia.... is .... Ania

The swapping of the first 2 and the last 2 chars : iaabAn

**Answer:**

```
In [179]: name = "Bilal"
          print("The first and the last two characters of ...",name,"... is...",name[0:2]+name[-2:])

The first and the last two characters of ... Bilal ... is... Bial

In [180]: print("The swapping of the first 2 and the last 2 chars:", name[3:] + name[2:] + name[0:2])

The swapping of the first 2 and the last 2 chars: alBi
```

### Question 03

Write a Python program to get a single string from two given strings, separated by a space. (consider your name as string)

Sample String : 'Anbia,Khan'

Expected Result : 'Anbia','Khan'

**Answer**

```
In [181]: name= "Bilal Ahmed"
          name.split(' ')

Out[181]: ('Bilal', 'Ahmed')
```

### Question 04

Write a Python program to get a string from a given string where first char have been changed to 'Dollar Sign'

Sample String : 'restart'

Expected Result : '\$estart'.

**Answer**

```
In [182]: sample= "Sanitize"

In [183]: print(sample)
          sample.replace('S','$')

Sanitize

Out[183]: '$anitize'
```

### Question 05

5. Write a Python program to check the characters of your name match with fist chars of your father name.

Sample String : a ='Anabia' b = 'Khan'

Expected Result : b[0] = a[0] or a[1] or b[2] ---- True / False

**Answer**

```
In [184]: MyName="Bilal"
          FatherName="Irfan"
          MyName[0]==FatherName[0], MyName[1]==FatherName[1]

Out[184]: (False, False)
```

### Question 06

Write a Python code to insert a char to replace the first char of a string.

**Answer**

```
In [185]: str1= "AppliedPhysics"

In [186]: str1.replace('A','a')

Out[186]: 'appliedPhysics'
```

### Question 07

Write a Python program to reverse a string

**Answer:**

```
In [187]: city="Islamabad"
          city[::-1]

Out[187]: 'dabamalsI'
```

In [ ]: