

Assignment = 1

Question 1

5 different functions of string functions

```
In [5]: a = "Pooja lagade" # upper string function  
print(a.upper())
```

P00JA LAGADE

```
In [6]: a = "Pooja lagade" # lower string function  
print(a.lower())
```

pooja lagade

```
In [3]: a = "Pooja Shirishkumar lagade" # center string function  
  
x = a.center(10)  
  
print(x)
```

Pooja Shirishkumar lagade

```
In [19]: a = "Die With Memories not Dreams" # Swapcase string function  
  
x = a.swapcase()  
  
print(x)
```

dIE WITH mEMORIES NOT dREAMS

```
In [22]: a = "    purple    " #Strip string function  
  
x = a.strip()  
  
print("of all colours", x, "is my favorite")
```

of all colours purple is my favorite

Question 2

5 different function of list in python

```
In [5]: colour = ['Blue', 'Green', 'Red', 'Yellow', 'Purple'] # Remove function
colour.remove('Green')
print('colour list', colour)

colour list ['Blue', 'Red', 'Yellow', 'Purple']
```

```
In [16]: colour = ['Blue', 'Green', 'Red', 'Yellow', 'Purple'] # Count function

count = colour.count('Yellow')

print('Yellow is:', count)

Yellow is: 1
```

```
In [17]: colour = ['Green', 'Yellow', 'Blue', 'Red', 'Purple'] # Sort function
colour.sort()
print('Sorted list:', colour)

Sorted list: ['Blue', 'Green', 'Purple', 'Red', 'Yellow']
```

```
In [18]: colour = ['Blue', 'Green', 'Red', 'Yellow', 'Purple'] # Reverse function
print('colour list:', colour)
colour.reverse()
print('Reverse list:', colour)

colour list: ['Blue', 'Green', 'Red', 'Yellow', 'Purple']
Reverse list: ['Purple', 'Yellow', 'Red', 'Green', 'Blue']
```

```
In [20]: colour = ['Blue', 'Green', 'Red', 'Yellow', 'Purple'] # Clear function
colour.clear()
print('Clear colour list:', colour)

Clear colour list: []
```

Question 3

Experiment with five default functions of dictionary

In [35]: *# Copy function*

```
Student = {"SubDict":  
    {  
        "Name": "Pooja Lagade",  
        "Std": "12th", "Div": "B",  
        "Roll no": "19",}  
    }  
  
a = Student.copy()  
  
print(a)
```

```
{'SubDict': {'Name': 'Pooja Lagade', 'Std': '12th', 'Div': 'B', 'Roll no': '19'}}
```

In [39]: *# Clear function*

```
Student = {"SubDict":  
    {  
        "Name": "Pooja Lagade",  
        "Std": "12th", "Div": "B",  
        "Roll no": "19",}  
    }  
  
a = Student.clear()  
  
print(a)
```

None

In [40]: *# Get function*

```
Student = {  
  
    "Name": "Pooja Lagade",  
    "Std": "12th", "Div": "B",  
    "Roll no": "19",  
  
    }  
  
a = Student.get("Name")  
  
print(a)
```

Pooja Lagade

In [43]: *# dict.items function*

```
Student = {  
  
    "Name": "Pooja Lagade",  
    "Std": "12th", "Div": "B",  
    "Roll no": "19",  
  
    }  
  
a = Student.items()  
  
print(a)
```

```
dict_items([('Name', 'Pooja Lagade'), ('Std', '12th'), ('Div', 'B'), ('Roll no', '19')])
```

In [44]: *# Value function*

```
Student = {  
  
    "Name": "Pooja Lagade",  
    "Std": "12th", "Div": "B",  
    "Roll no": "19",  
  
    }  
  
a = Student.values()  
  
print(a)
```

```
dict_values(['Pooja Lagade', '12th', 'B', '19'])
```

Thank you

In []: