```
In [ ]:
```

```
                                    TODAY TOPIC
```

```
In [ ]:
```

```
                                list, append, insert,
```

```
In [ ]:
```

```
# list
```

```
In [1]:
```

```python
students = ['deepak', 'anusha', 'kiran', 'ravi', 'papi', 'ram']
print(students)
```

```
['deepak', 'anusha', 'kiran', 'ravi', 'papi', 'ram']
```

```
In [ ]:
```

```python
# We have to check the type to conform whether the list is ture or not.
```

```
In [2]:
```

```python
type(students) # It is true.
```

```
Out[2]:
```

```
list
```

```
In [ ]:
```

```python
# index ----> 0,1,2,3,4,5 so on>>>    Above the name in list are :    deepak   anusha   kiran   ravi
papi   ram
                                      # index belongs            |    0        1        2      3
4     5
```

```
In [3]:
```

```python
students[1]
```

```
Out[3]:
```

```
'anusha'
```

```
In [ ]:
```

```python
# 'Append' it is eligible to join the word "THE WORD WILL JOIN IN END OR LAST ONLY"
```

```
In [4]:
```

```python
students.append('swapana')
print(students)
```

```
['deepak', 'anusha', 'kiran', 'ravi', 'papi', 'ram', 'swapana']
```

```
In [ ]:
```

```python
# 'insert' it is eligible to join the word,At the correct place where you have given the index.
```

In [7]:
```
students.insert(3, 'laksmi')
print(students)
```

['deepak', 'anusha', 'kiran', 'laksmi', 'ravi', 'papi', 'ram', 'swapana']

In [ ]:
```
# Perment delete---> 'del' This is the keyword is used to delete the word.
```

In [12]:
```
del students[1]
```

In [13]:
```
print(students)
```

['deepak', 'kiran', 'laksmi', 'ravi', 'papi', 'ram', 'swapana']

In [ ]:
```
#anusha were vanished
```

In [ ]:
```
# Temperory delete----> 'pop' This keyword is used to delete any words for temperory.
```

In [14]:
```
x=students.pop(2)
print(students)
```

['deepak', 'kiran', 'ravi', 'papi', 'ram', 'swapana']

In [15]:
```
print(x)
```

laksmi

In [ ]:
```
# Above you see that the word have store in particular variable. So, it is deleted temperorly.
```

In [16]:
```
x=students.pop()
print(students)
```

['deepak', 'kiran', 'ravi', 'papi', 'ram']

In [ ]:
```
# Above you see that the last word will vanished because when we not assign any index value it wil
l automatically erase the words.
```

In [ ]:

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