

```
In [68]: #Q1 Create a tuple with all participant names in the JDA program
classTuple = ("Adam", "Ajinkya", "Akash", "Alka", "Chloe", "Dami", "Divya", "Edward", "Gaurav", "Gilmara", "Imara", "Jainam", "Leul", "Mehrnaz", "Muhammed", "Olaolusubomi", "Pray", "Rasha", "Riley", "Romita", "Saloni", "Saman", "Santhiya", "Sidney", "Sowjanya", "Suganya", "Sunint", "Temitope", "Tony", "Ulan", "Winnie", "Jerry")
print(classTuple)
```

```
('Adam', 'Ajinkya', 'Akash', 'Alka', 'Chloe', 'Dami', 'Divya', 'Edward', 'Gaurav', 'Gilmara', 'Imara', 'Jainam', 'Leul', 'Mehrnaz', 'Muhammed', 'Olaolusubomi', 'Pray', 'Rasha', 'Riley', 'Romita', 'Saloni', 'Saman', 'Santhiya', 'Sidney', 'Sowjanya', 'Suganya', 'Sunint', 'Temitope', 'Tony', 'Ulan', 'Winnie', 'Jerry')
```

```
In [69]: #Q2 Convert the tuple into a list called pps_L
classTuple2 = list(classTuple)
print(classTuple2)
```

```
['Adam', 'Ajinkya', 'Akash', 'Alka', 'Chloe', 'Dami', 'Divya', 'Edward', 'Gaurav', 'Gilmara', 'Imara', 'Jainam', 'Leul', 'Mehrnaz', 'Muhammed', 'Olaolusubomi', 'Pray', 'Rasha', 'Riley', 'Romita', 'Saloni', 'Saman', 'Santhiya', 'Sidney', 'Sowjanya', 'Suganya', 'Sunint', 'Temitope', 'Tony', 'Ulan', 'Winnie', 'Jerry']
```

```
In [70]: #Q3 What is the length of your list
len(classTuple2)
```

Out[70]: 32

```
In [71]: #Q4 Find the values stored in indexes [3],[5],[14],[30],[38]
print("The value of index 3 is", classTuple[3])
print("The value of index 5 is", classTuple[5])
print("The value of index 14 is", classTuple[14])
print("The value of index 30 is", classTuple[30])
print("The value of index 38 is", classTuple[38])
```

```
The value of index 3 is Alka
The value of index 5 is Dami
The value of index 14 is Muhammed
The value of index 30 is Winnie
```

```
-----
IndexError                                Traceback (most recent call last)
<ipython-input-71-618c8d1e9cff> in <module>
      4 print("The value of index 14 is", classTuple[14])
      5 print("The value of index 30 is", classTuple[30])
----> 6 print("The value of index 38 is", classTuple[38])

IndexError: tuple index out of range
```

```
In [72]: #Q5 Check if "Sarah" is in the list
        "Sarah" in classTuple2
```

Out[72]: False

```
In [73]: #Q6 Add "Sarah" to your list
        classTuple2.append("Sarah")
        print(classTuple2)
```

```
['Adam', 'Ajinkya', 'Akash', 'Alka', 'Chloe', 'Dami', 'Divya', 'Edward', 'Gaurav', 'Gilmara', 'Imara', 'Jainam', 'Leul', 'Mehrnaz', 'Muhammed', 'Olaolusubomi', 'Pray', 'Rasha', 'Riley', 'Romita', 'Saloni', 'Saman', 'Santhiya', 'Sidney', 'Sowjanya', 'Suganya', 'Sunint', 'Temitope', 'Tony', 'Ulan', 'Winnie', 'Jerry', 'Sarah']
```

```
In [74]: #Q7 Check if "Bashir" is in the list
        "Bashir" in classTuple2
```

Out[74]: False

```
In [75]: #Q9 Add "Bashir" to your list
        classTuple2.append("Bashir")
        print(classTuple2)
```

```
['Adam', 'Ajinkya', 'Akash', 'Alka', 'Chloe', 'Dami', 'Divya', 'Edward', 'Gaurav', 'Gilmara', 'Imara', 'Jainam', 'Leul', 'Mehrnaz', 'Muhammed', 'Olaolusubomi', 'Pray', 'Rasha', 'Riley', 'Romita', 'Saloni', 'Saman', 'Santhiya', 'Sidney', 'Sowjanya', 'Suganya', 'Sunint', 'Temitope', 'Tony', 'Ulan', 'Winnie', 'Jerry', 'Sarah', 'Bashir']
```

```
In [76]: #Q10 Find the index of the element "Sarah" in the list
```

```
index1 = classTuple2.index("Sarah")
print("The index of Sarah:", index)
```

The index of Sarah: 33

```
In [77]: #Q11 Change the value of the index in Q10 from "Sarah" to "Instructor"
```

```
classTuple2[index1] = "Instructor"
print(classTuple2)
```

```
['Adam', 'Ajinkya', 'Akash', 'Alka', 'Chloe', 'Dami', 'Divya', 'Edward', 'Gaurav', 'Gilmara', 'Imara', 'Jainam', 'Leul', 'Mehrnaz', 'Muhammed', 'Olaolusubomi', 'Pray', 'Rasha', 'Riley', 'Romita', 'Saloni', 'Saman', 'Santhiya', 'Sidney', 'Sowjanya', 'Suganya', 'Sunint', 'Temitope', 'Tony', 'Ulan', 'Winnie', 'Jerry', 'Instructor', 'Bashir']
```

```
In [80]: #Q12 Find the index of the element "Bashir" in the list
index2 = classTuple2.index("Bashir")
print("The index of Bashir:", index)
```

The index of Bashir: 33

```
In [81]: #Q13 Change the value of the index in Q12 from "Bashir" to "Peer-Mentor"
classTuple2[index2] = "Peer-Mentor"
print(classTuple2)
```

```
['Adam', 'Ajinkya', 'Akash', 'Alka', 'Chloe', 'Dami', 'Divya', 'Edward', 'Gaurav', 'Gilmara', 'Imara', 'Jainam', 'Leul', 'Mehrnaz', 'Muhammed', 'Olaolusubomi', 'Pray', 'Rasha', 'Riley', 'Romita', 'Saloni', 'Saman', 'Santhiya', 'Sidney', 'Sowjanya', 'Suganya', 'Sunint', 'Temitope', 'Tony', 'Ulan', 'Winnie', 'Jerry', 'Instructor', 'Peer-Mentor']
```

```
In [ ]:
```