

QUESTIONS 125-131

LIST SLICING

Q125. Write a python program to reverse a list using slicing.

Q126. Write a python program to get every third element from a list using slicing.

Q127. Implement a python program to split a list into two equal parts using slicing. One list should contain 1st half and another list should contain 2nd half.

Q128. Implement a python program to get the last 'n' elements from a list using slicing.

```
a = [23, 54, 78, 43, 12, 34, 89]
```

```
# Example 1
```

```
Enter n = 3
```

```
Output = [12, 34, 89]
```

```
# Example 2
```

```
Enter n = 2
```

```
Output = [34, 89]
```

Q129. Ask 'n' from user. Create a list of last **n** elements but in reverse order using slicing.

```
a = [23, 54, 78, 43, 12, 34, 89]
```

```
# Example 1
```

```
Enter n = 3
```

```
Output = [89, 34, 12]
```

```
# Example 2
```

```
Enter n = 4
```

```
Output = [89, 34, 12, 43]
```

Q130. Ask **start** and **end** index from the user. Create a list from start index to end index using slicing.

```
a = [23, 54, 78, 43, 12, 34, 89]
```

```
# Example 1
```

```
Enter start index = 0
```

```
Enter end index = 3
```

```
Output = [23, 54, 78, 43]
```

```
# Example 2
```

```
Enter start index = 4
```

```
Enter end index = 5
```

```
Output = [12, 34]
```

Q131. Ask 'n' from user. Create a list of first n elements but in reverse order using slicing.

```
a = [23, 54, 78, 43, 12, 34, 89]
```

```
# Example 1
```