

Questions

Assignment

Q1. Create an empty list.

Ans.

```
L = []
```

Q2. Create a list and add an element to the end of this list.

Ans.

```
f = [1, 2, 3, 4, 5]
```

```
d = [7, 8]
```

```
p = d+f
```

```
print(p)
```

Output:

```
[1, 2, 3, 4, 5, 7, 8]
```

Q3. For the above created list print the last element.

Ans.

```
p = [1, 2, 3, 4, 5, 7, 8]
```

```
print(p[6])
```

Output:

8

Q4. Reverse the above created list.

Ans.

```
p = [1,2,3,4,5,7,8]

print(p[::-1])
```

Output:

[8, 7, 5, 4, 3, 2, 1]

Q5. Sort the above created list.

Ans.

```
p = [8,7,5,4,3,2,1]

p.sort()

print(p)
```

Output:

[1, 2, 3, 4, 5, 7, 8]

Q6. Create a list of your top three favorite movies, then print the second movie title.

Ans.

```
l = ["RRR", "KGF", "PUSHPA"]

print(l[1])
```

Output

KGF

Q7. Create a list of your favorite animals, then add a new animal to the list and print the updated list.

Ans

```
favorite_animals = ["dog", "tiger", "lion"]  
  
new = ["elephant"]  
  
update = favorite_animals + new  
  
print(update)
```

Output

['dog', 'tiger', 'lion', 'elephant']

Q8. Create a list of your favorite cities, then use the index() method to find the position of a specific city on the list and print it.

Ans.

```
cities = ["Chandigarh", "MY HOUSE", "Shimla", "Solan", ]  
print(cities[1])
```

Output:

MY HOUSE