

Python Programming Lab Assignment – 11 List

Assignment Questions :

1. Write a Python program to sum all the items in a list.
2. Write a Python program to traverse a given list in reverse order, and print the elements with the original Index.
Original list: ['red', 'green', 'white', 'black'] Traverse the said list in reverse order: black white green red.

1. Write a Python program to sum all the items in a list.

Sol :

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

```
total = sum(numbers)
```

```
print("The sum of all items in the list is:", total)
```

2. Write a Python program to traverse a given list in reverse order, and print the elements with the original Index.

Original list: ['red', 'green', 'white', 'black'] Traverse the said list in reverse order: black white green red.

Sol :

```
colors = ['red', 'green', 'white', 'black']
```

```
for index in range(len(colors)-1, -1, -1):
```

```
print(f"Original Index: {index}, Element: {colors[index]}")
```