

ST. KAREN'S HIGH SCHOOL

GOLA ROAD, PATNA

Practical Copy Work and Project (To be done in Practical Copy)

Std. IX (Session 2022-23)

1. Practical Copy Work-

Write the following in Practical Copy.

Create a List:

```
thislist = ["apple", "banana", "cherry"]  
print(thislist)
```

Lists allow duplicate values:

```
thislist = ["apple", "banana", "cherry", "apple", "cherry"]  
print(thislist)
```

Print the number of items in the list:

```
thislist = ["apple", "banana", "cherry"]  
print(len(thislist))
```

String, int and boolean data types:

```
list1 = ["apple", "banana", "cherry"]  
list2 = [1, 5, 7, 9, 3]  
list3 = [True, False, False]
```

A list with strings, integers and boolean values:

```
list1 = ["abc", 34, True, 40, "male"]
```

Print the second item of the list:

```
thislist = ["apple", "banana", "cherry"]  
print(thislist[1])
```

Print the last item of the list:

```
thislist = ["apple", "banana", "cherry"]  
print(thislist[-1])
```

Return the third, fourth, and fifth item:

```
thislist = ["apple", "banana", "cherry", "orange", "kiwi", "melon", "mango"]  
print(thislist[2:5])
```

Change the second item:

```
thislist = ["apple", "banana", "cherry"]  
thislist[1] = "blackcurrant"  
print(thislist)
```

Using the `append()` method to append an item:

```
thislist = ["apple", "banana", "cherry"]  
thislist.append("orange")  
print(thislist)
```

Insert an item as the second position:

```
thislist = ["apple", "banana", "cherry"]  
thislist.insert(1, "orange")  
print(thislist)
```

Remove "banana":

```
thislist = ["apple", "banana", "cherry"]  
thislist.remove("banana")  
print(thislist)
```

Remove the second item:

```
thislist = ["apple", "banana", "cherry"]  
thislist.pop(1)  
print(thislist)
```

Remove the first item:

```
thislist = ["apple", "banana", "cherry"]  
del thislist[0]  
print(thislist)
```

Delete the entire list:

```
thislist = ["apple", "banana", "cherry"]  
del thislist
```

2. Project:-

Make a project on describing all Sustainable Development Goals in the Practical Copy and Paste necessary photographs to support your project.
