```python
"""
Topic: Append Function in list
@author: Varpe K. M.
Reference : NPTL:https://onlinecourses.nptel.ac.
"""

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append() - adds an object at the end of the list
Syntax:
        list_name[index].append(object)

In the above syntax if the 'index' is not specif
as a new level in the existing list

there are two ways to add an object to a list:-
   - Adding an element to the list
   - Adding a list to a list
"""
roll_no = [1,2,3,4]
student_name = ["Ram","Shyam","Sita","Gita"]
stud_no = 4

student_list = [roll_no,student_name,stud_no]

print(roll_no)
print(student_name)
print(stud_no)
print("Old Student List =>",student_list)

#Old Student List => [[1, 2, 3, 4], ['Ram', 'Shy
```

```python
# Add student roll no 5

student_list[0].append(5)
student_list[2]=5
print("New Appended Student List =>",student_lis
#New appended Student List => [[1, 2, 3, 4, 5],

#Append Student name Radha to sub list 2 of name
student_list[1].append('Radha')
print("New Appended Student List =>",student_lis
#New Appended Student List => [[1, 2, 3, 4, 5],

# Adding a list to a list
marks=[30,40,50,60,70]
student_list.append(marks) # OR student_list.app
print("New Appended Student List =>",student_lis
#New Appended Student List => [[1, 2, 3, 4, 5],
```