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"""
Topic: Insert Function in list
@author: Varpe K. M.
Reference : NPTEL:https://onlinecourses.nptel.ac.in/:Course-Python for Data Science
"""

"""
insert() - adds an object at the given position in a list
Syntax:
    list_name[index].insert(position,object)

"""
roll_no = [1,2,3,4,5]
student_name = ["Ram","Shyam","Sita","Gita","Radha"]
stud_no = 5

student_list = [roll_no,student_name,stud_no]

print(roll_no)
print(student_name)
print(stud_no)
marks=[30,40,50,60,70]

student_list.append(marks)
print(student_list)
#[[1, 2, 3, 4, 5], ['Ram', 'Shyam', 'Sita', 'Gita', 'Radha'], 5, [30, 40, 50, 60, 70]]

#Adding number '6' at the 1st position to the Level roll_no from student_list
student_list[0].insert(0,6)
print("After Insert Student List =>",student_list)
#After Insert Student List => [[6, 1, 2, 3, 4, 5], ['Ram', 'Shyam', 'Sita', 'Gita', 'Radha'], 5, [30, 40, 50, 60, 70]]

student_list[1].insert(5,'Satya')
print("After Insert Student List =>",student_list)
#After Insert Student List => [[6, 1, 2, 3, 4, 5], ['Ram', 'Shyam', 'Sita', 'Gita', 'Radha', 'Satya'], 5, [30, 40, 50, 60, 70]]

roll=input("Enter Roll No:")
student_list[0].insert(0,roll)
print("After Insert Student List =>",student_list)

name=input("Enter name:")
student_list[1].insert(7,name)
print("After Insert Student List =>",student_list)

```