

# aiml-assignment-2

February 18, 2024

```
[2]: print ("Question 1")
```

Question 1

```
[9]: std_list = []
num = range(int(input('Enter Number of Students: ' )))
for i in num:
    name = input('Enter the Student Name: ')
    score = float(input('Enter the Student Score: ' ))
    std_list.append([name, score])
second_highest = sorted(set([score for name, score in std_list]))[1]
print('\n'.join(sorted([name for name, score in std_list if score ==
↪second_highest])))
```

```
Enter Number of Students: 6
Enter the Student Name: Vikas
Enter the Student Score: 6.6
Enter the Student Name: Deepak
Enter the Student Score: 5.9
Enter the Student Name: Lohendra
Enter the Student Score: 7.7
Enter the Student Name: Nithin
Enter the Student Score: 7.4
Enter the Student Name: Saikumar
Enter the Student Score: 7.6
Enter the Student Name: Dinesh
Enter the Student Score: 7.2
```

Vikas

```
[10]: print ("Question 2")
```

Question 2

```
[11]: def Sum(self, nums, target):
    data = {}
    for i, j in enumerate(nums):
        x = target - j
```

```
if x in data:
    return [data[x], i]
data[j] = i
return []
result = Sum(None, [2, 7, 11, 15], 9)
print(result)
```

[0, 1]