QUESTIONS 151-157 DICTIONARY IN DICTIONARY

Q151. Given a list and dictionary, map each element of list with each item of dictionary, forming nested dictionary as value.

```
# Example 1
test_dict = {"anirudh": 45, "coder": 75, "raj": 99}
test_list = [11, 14, 7]

# Output
{11: {'anirudh': 45}, 14: {'coder': 75}, 7: {'raj': 99}}


# Example 2
test_dict = {"p": 1, "q": 2, "r": 3}
test_list = [101, 555, 99]

# Output
{101: {'p': 1}, 555: {'q': 2}, 99: {'r': 3}}
```

Create a dictionary like this given below and solve the questions based on that.

```
student_marks = {
    "John": {"Marks": [80, 85, 90]},
    "Alice": {"Marks": [75, 88, 92]},
    "Bob": {"Marks": [90, 92, 88]}
}
```

Q152. Add a new student named "Eva" with marks [95, 91, 89] to the **student_marks** dictionary.

Q153. Write a python program that prints all the students name along with their average marks.

Q154. Update the marks of "John" to [85, 88, 92] in the student_marks dictionary.

Q155. Write a program that displays the **name** of the student that has scored highest marks overall.

Q156. Create another **nested dictionary named additional_marks** with information for **two** more students. Merge this dictionary with the **student_marks** dictionary.

Q157. Remove the entry for the student **"John"** from the student_marks dictionary.