

Solve the following problems

Problem 1:

Write a Python program that takes a list of student scores as input, then classifies each student into one of the following categories based on their score:

- **Gold Medal:** Score above 90
- **Silver Medal:** Score between 80 and 90 (inclusive)
- **Bronze Medal:** Score between 70 and 80 (inclusive)
- **Participation Award:** Score below 70

The program should then print the total count of students in each category.

Sample input:

```
students = [95, 87, 72, 68, 91]
```

Sample Output:

```
Gold Medal: 2 students
```

```
Silver Medal: 1 student
```

```
Bronze Medal: 1 student
```

```
Participation Award: 1 student
```

Problem 2:

Write a Python program that takes a **name** and a **token number** from a person as input and classifies their seat confirmation status for a training session based on the token number they provide:

- If the number is **odd**, they get **admission**. *[{name}: your seat is confirmed]*
- If the number is **even**, they are placed on the **waiting list**. *[{name}: you are in waiting list]*
- If the number is **zero**, they **don't get a seat**. *[Sorry! {name}: No seat available for you.]*

The program should print the **name** of the person along with their seat confirmation status.

Sample Input:

```
Enter name: Donald Trump
```

```
Enter your Token Number: 0
```

Sample Output

Sorry!Donald Trum: No seat available for you.

Bonus Question:

Write a Python program that simulates a simple calculator. The user should enter two numbers and an operator (+, -, *, /), and the program should print the result.

The program should:

1. Ask the user to input two numbers.
2. Ask the user to enter an operator (+, -, *, /).
3. Perform the corresponding operation based on the operator entered.
4. Print the result of the operation.

Sample Input:

Enter first number: 10

Enter second number: 5

Enter operator (+, -, *, /): +

Sample Output:

Sum of 10 and 5 is : 15