

# Variadic functions in C



Variadic functions are functions which take a variable number of arguments. In C programming, a variadic function will contribute to the flexibility of the program that you are developing.

The declaration of a variadic function uses an ellipsis as the last parameter, e.g.

```
int printf(const char* format, ...);
```

In this problem, you need to implement three variadic functions named *sum()*, *min()*, *max()* to calculate sum, minimum, maximum of a variable number of arguments respectively. The first argument passed to the variadic function is the count of the number of arguments which is followed by the arguments themselves.

## Input Format

- The first line of the input consists of a variable *number\_of\_test\_cases* describing the number of test cases.
- Each test case tests the logic of your code by sending a test implementation of 3, 5 and 10 elements respectively.
- You can test your code against sample/custom input.
- The error log prints the parameters which are passed to the test implementation. It also prints the sum, minimum element, maximum element corresponding to your code.

## Constraints

$$1 \leq \text{number\_of\_test\_cases} \leq 50$$

## Output Format

"Correct Answer" is printed corresponding to each correct execution of a test implementation. "Wrong Answer" is printed otherwise.

## Sample Input 0

```
1
```

## Sample Output 0

```
Correct Answer
Correct Answer
Correct Answer
```