

**Question 1**

Write a program that takes input from the user and when the user press enter to quit the program gives the sum of all even numbers and the sum of all odd numbers.

Sample:

Input

```
Enter a number 2
Enter a number 4
Enter a number 3
Enter a number 5
Enter a number (enter)
```

Output

```
Sum of even number: 6
Sum of Odd number: 8
```

**Question 2**

Write a program to take a string as input and your program should:

Print the same string with all lowercase letters.

Note: You should not use `islower()` function.

Print the number of vowels 'aeiou' present in the string.

**Question 3**

Write a program to check whether the user input number is a prime number or not.

Sample:

Input

```
Enter number: 8
```

Output

```
Number 8 is not prime number.
```

**Question 4**

Write a program to print the numbers in the following format:

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
```

**Question 5**

Write a program that accepts a sentence and calculate the number of letters and digits.

Suppose the following input is supplied to the program:

hello class! 123

Then, the output should be:

LETTERS 10

DIGITS 3