



# Review Task 1:

Write a program that counts how many times each letter of the alphabet appears in a sentence input by the user. Do not modify the main method:

```
public static void main(String[] args)
{
    String s = AskUser();
    CountEachLetter(s);
}
```

Desired output:

```
Please type a sentence:
Ala ma kota
The following letters appear in the sentence:
a - 4
k - 1
l - 1
m - 1
o - 1
t - 1
```

Hints:

- use `s.toLowerCase()` to get rid of capital letters
- use `s.charAt(i)` to check characters of a string
- characters can be incremented just like integers



PROGRAMMING  
EXERCISE

## Things you will be graded on:

- the program compiles 10%
- the output is exactly correct 10%
- `AskUser` method 30%
- `CountEachLetter` method 50%



## Review Task 2:

Write a program that rounds all numbers in an array input by the user to the nearest 100. Do not modify the main method:

```
public static void main(String[] args)
{
    int[] arrayA = askUser("Type in 5 numbers");
    arrayA = roundArray(arrayA);
    printArray(arrayA);
}
```

Hint: use `Math.round()`



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