

Challenge 2: Check if the Given Character is an Alphabet

Let's test our understanding by solving a slightly difficult challenge in this lesson.

We'll cover the following ^

- Problem statement
 - Input
 - Output
 - Sample input
 - Sample output
- Coding exercise

Problem statement

In this challenge, you are given a character. Your task is to find whether the given character is an upper-case alphabet, lower-case alphabet, or it is a non-alphabetic character.

Input

We have already initialized the variable `character` at the backend.

Output

- If the `character` is an upper-case alphabet, then your program should print the `upper-case alphabet` to the console.
- If the `character` is a lower-case alphabet, then your program should print the `lower-case alphabet` to the console.
- If the `character` is a non-alphabetic character, then your program should print the `not an alphabet` to the console.

Sample input


```
char character = 'a';
```

Sample output

```
lower-case alphabet
```

Coding exercise

Before diving directly into the solution, first, try to solve it yourself, and then check if your code passes all the test cases. If you get stuck, you can always see the given solution.

 Please use the variable `character` for the input and print your output on the console; otherwise, your code will not execute.

Good Luck! 

```
/* We have already declared the input variable character at the backend.  
char character;  
Find whether the given character is the upper-case alphabet, lower-case alphabet,  
or it is the non-alphabetic character.  
*/  
  
// Write your code here
```



 If you have solved the problem, congratulations!

In case you are stuck, let's go over the solution review in the next lesson.