

Find Character Case

Problem Description: In the given problem, you have to print 1 if the input character is uppercase, 0 if it is lowercase, or -1 if it is an invalid character.

For example: if input character is 'A' output should be 1
if input character is 'a' output should be 0
if input character is '*' output should be -1

How to approach?

1. Take the input character from the user.
2. Check for the conditions if the given character lies between "A" and "Z", this means we have uppercase in the input character then print 1, if it lies between "a" and "z", we have lowercase in the input character then print 0 otherwise print -1.

Pseudo code for the problem:

Take the input from the user.

input=ch

If $ch \geq 'A'$ and $ch \leq 'Z'$:

print(1)

If $ch \geq 'a'$ and $ch \leq 'z'$:

print(0)

Else:

print(-1)

❑ Let us dry run the code:

- If the input is Y, it satisfies the 1st condition: $ch \geq 'A'$ and $ch \leq 'Z'$, therefore, 1 will be printed.
- If the input is y, it satisfies the 2nd condition: $ch \geq 'a'$ and $ch \leq 'z'$, therefore, 0 will be printed.
- If the input is #, we will move to the else and -1 will be printed.