Insert code cell below (Ctrl+M B)

```
Enter a string: CELESTE
Number of vowels in the string: 3
```

```
#2) Write your own functions (without using built-in functions) to convert all character

text = input("Enter a string: ")


lower_case = ""
upper_case = ""
toggle_case = ""


for ch in text:

    if 'A' <= ch <= 'Z':
        lower_case += chr(ord(ch) + 32)
    else:
        lower_case += ch

    if 'a' <= ch <= 'z':
        upper_case += chr(ord(ch) - 32)
    else:
        upper_case += ch


    if 'A' <= ch <= 'Z':
        toggle_case += chr(ord(ch) + 32)
    elif 'a' <= ch <= 'z':
        toggle_case += chr(ord(ch) - 32)
    else:
        toggle_case += ch

print("Lower Case  :", lower_case)
print("Upper Case  :", upper_case)
print("Toggle Case :", toggle_case)
```

```
Enter a string: CELESTE
Lower Case  : celeste
```

```
Upper Case  : CELESTE
Toggle Case : celeste
```

```
#3) Accept two strings. Check whether one string is there in another string.

string1 = input("Enter the first string: ")
string2 = input("Enter the second string: ")


if string1 in string2:
    print(f'"{string1}" is found in "{string2}"')
elif string2 in string1:
    print(f'"{string2}" is found in "{string1}"')
else:
    print("No string is found inside the other.")
```

```
Enter the first string: Celeste
Enter the second string: leste
"leste" is found in "Celeste"
```

```
#4) Write a function that removes one string from another string, if
#present. E.g. Onestring = "abcdef", removestring = "cd". The
#finalstring should contain "abef".

onestring = input("Enter the main string: ")
removestring = input("Enter the string to remove: ")


if removestring in onestring:
    finalstring = onestring.replace(removestring, "")
else:
    finalstring = onestring

print("Final string after removal:", finalstring)
```

```
Enter the main string: Ouana
Enter the string to remove: ana
Final string after removal: Ou
```