

Practical 7

Aim:

You are given a string and your task is to swap cases. In other words, convert all lowercase letters to uppercase letters and vice versa.

Sample Input: HackerRank.com presents "Pythonist 2".

Sample Output: hACKERrANK.COM PRESENTS "pYTHONIST 2".

Code:

```
# Name: NISHANT KOTADIA
# ID: 20CS029

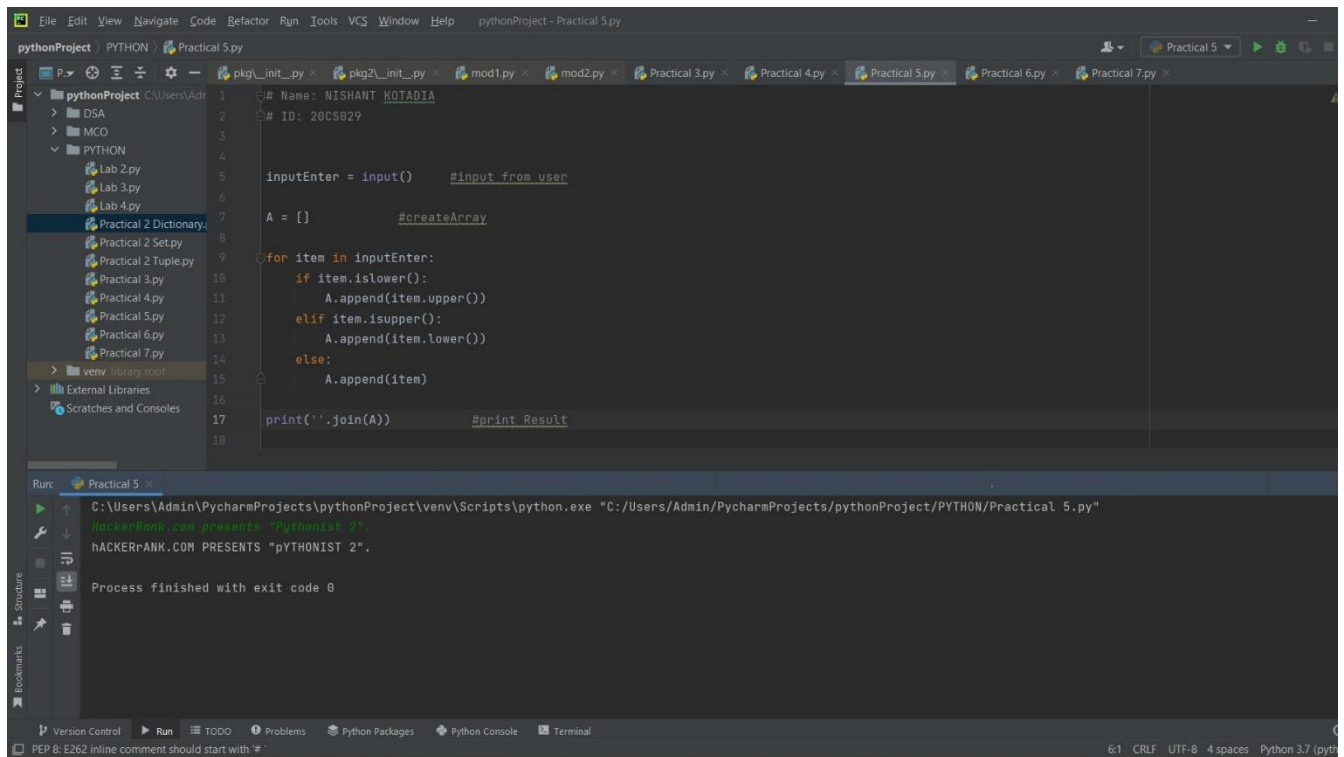
inputEnter = input()      #input from user

A = []                    #createArray

for item in inputEnter:
    if item.islower():
        A.append(item.upper())
    elif item.isupper():
        A.append(item.lower())
    else:
        A.append(item)

print(''.join(A))          #print Result
```

Output:



The screenshot displays the PyCharm IDE interface. The main editor window shows a Python script named 'Practical 5.py' with the following code:

```
1  ## Name: NISHANT KOTADIA
2  ## ID: 20CS029
3
4
5  inputEnter = input()    #input from user
6
7  A = []                  #createArray
8
9  for item in inputEnter:
10     if item.islower():
11         A.append(item.upper())
12     elif item.isupper():
13         A.append(item.lower())
14     else:
15         A.append(item)
16
17 print(''.join(A))        #print Result
18
```

The Run console at the bottom shows the execution output:

```
C:\Users\Admin\PycharmProjects\pythonProject\venv\Scripts\python.exe "C:/Users/Admin/PycharmProjects/pythonProject/PYTHON/Practical 5.py"
HackerRank.com presents "Pythonist 2".
hACKERrANK.COM PRESENTS "pYTHONIST 2".
Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8, line length is 61, and it uses 4 spaces for indentation.