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Course Title: **Python Programming** | Course Code: **INT108**

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Programme Name: B.Tech. CSE

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About Project

A python-based program to generator the Acronym of the user input strings.

ACRONYM - Generator

Code Snippet

```
from termcolor import colored

print("\n")
# function to create acronym
bar = 20
print("==" * bar)
print("Print Acronym of Given String\n")

def mainFn(stng):
    # add first letter
    output = stng[0]
    # iterate over string
    for i in range(1, len(stng)):
        if stng[i-1] == ' ':
            # add letter next to space
            output += stng[i]

    # uppercase output
    output = output.upper()
    return output

number_of_string = input("Total number of strings: ")
print("\n")

if number_of_string.isnumeric() == True:

    strings = []
    for x in range(int(number_of_string)):
        strings.append(input('Enter String '+str(int(x+1))+": "))

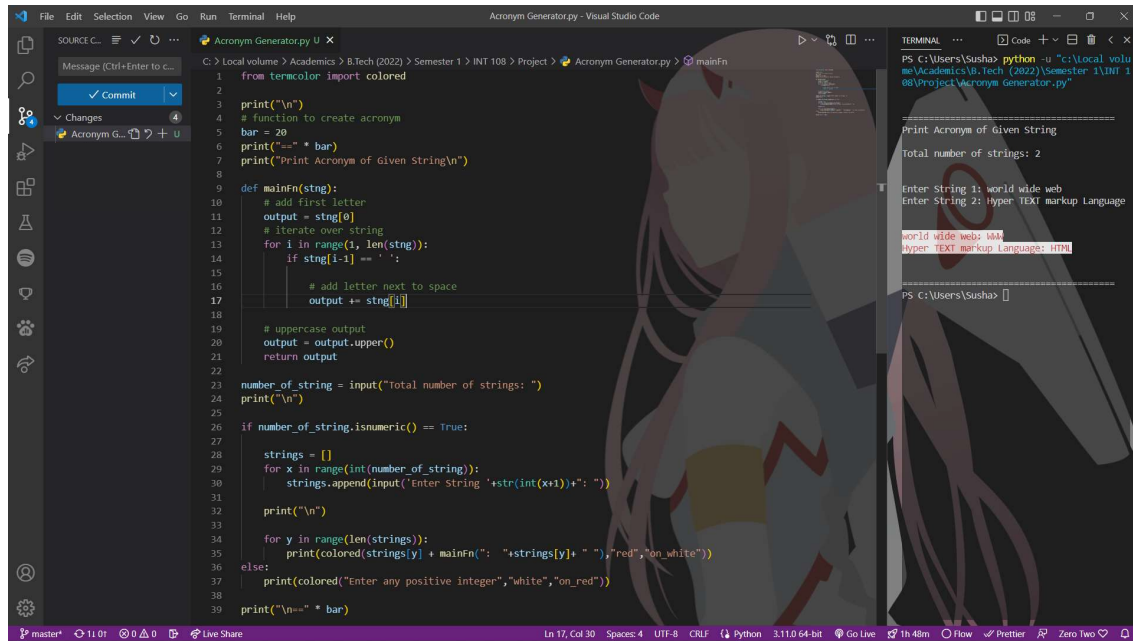
    print("\n")

    for y in range(len(strings)):
        print(colored(strings[y] + mainFn(": "+strings[y]+ "
"), "red", "on_white"))
else:
    print(colored("Enter any positive integer", "white", "on_red"))

print("\n==" * bar)
```

Code Visuals

Screenshot and output



```
1 from termcolor import colored
2
3 print("\n")
4 # function to create acronym
5 bar = 20
6 print("=" * bar)
7 print("Print Acronym of Given String\n")
8
9 def mainFn(stng):
10     # add first letter
11     output = stng[0]
12     # iterate over string
13     for i in range(1, len(stng)):
14         if stng[i-1] == ' ':
15             # add letter next to space
16             output += stng[i]
17
18     # uppercase output
19     output = output.upper()
20     return output
21
22 number_of_string = input("Total number of strings: ")
23 print("\n")
24
25 if number_of_string.isnumeric() == True:
26
27     strings = []
28     for x in range(int(number_of_string)):
29         strings.append(input("Enter String "+str(int(x+1))+" : "))
30
31     print("\n")
32     for y in range(len(strings)):
33         print(colored(strings[y] + mainFn(":" + strings[y] + ":"), "red", "on_white"))
34     else:
35         print(colored("Enter any positive integer", "white", "on_red"))
36
37 print("\n==" * bar)
```

Print Acronym of Given String

Total number of strings: 2

Enter String 1: world wide web

Enter String 2: Hyper TEXT markup Language

world wide web: WWW

Hyper TEXT markup Language: HTML

Input Strings

1. World wide Web
2. Hyper TEXT markup Language

Output Strings

1. WWW
2. HTML

Technology Used

Language and Libraries

1. Python
2. Library "TERMCOLOR"