

INT – 108 : PYTHON PROGRAMMING

PROJECT NAME : Converter to convert given Roman to integer

Project done by

Section: KOC03

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INT 108 : PYTHON PROJECT

CODE FOR THE CONVERTER TO CONVERT ROMAN NUMARAL TO INTEGER :

```
'''
```

```
Program to convert Roman number to Integer
```

```
'''
```

```
s = input()
```

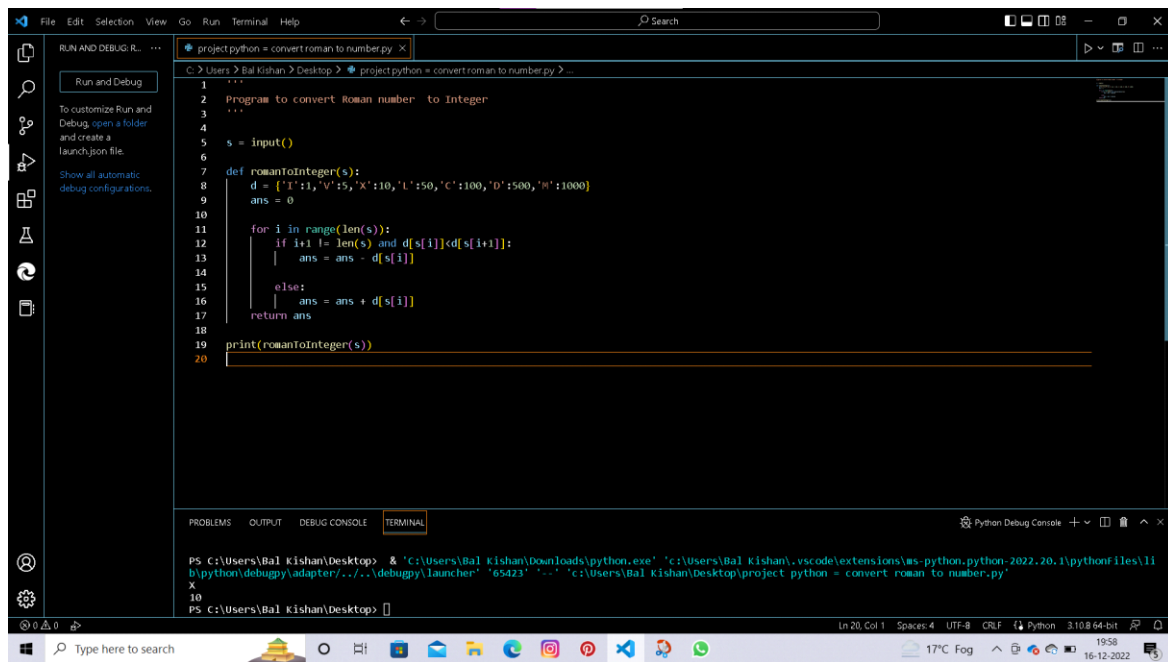
```
def romanToInteger(s):
```

```
d = {'I':1,'V':5,'X':10,'L':50,'C':100,'D':500,'M':1000}
ans = 0
```

```
for i in range(len(s)):
    if i+1 != len(s) and d[s[i]]<d[s[i+1]]:
        ans = ans - d[s[i]]

    else:
        ans = ans + d[s[i]]
return ans
```

```
print(romanToInteger(s))
```



```
File Edit Selection View Go Run Terminal Help
project python = convert roman to number.py X
C:\Users\Bal Kishan\Desktop> project python = convert roman to number.py > ...
1 ...
2 Program to convert Roman number to Integer
3 ...
4
5 s = input()
6
7 def romanToInteger(s):
8     d = {'I':1, 'V':5, 'X':10, 'L':50, 'C':100, 'D':500, 'M':1000}
9     ans = 0
10
11     for i in range(len(s)):
12         if i+1 != len(s) and d[s[i]]<d[s[i+1]]:
13             ans = ans - d[s[i]]
14
15         else:
16             ans = ans + d[s[i]]
17     return ans
18
19 print(romanToInteger(s))
20
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python Debug Console
PS C:\Users\Bal Kishan\Desktop> & 'C:\Users\Bal Kishan\Downloads\python.exe' 'C:\Users\Bal Kishan\.vscode\extensions\ms-python.python-2022.20.1\pythonfiles\11
b\python\debugpy\adapter\..\..\debugpy\launcher' '65423' '-c' 'C:\Users\Bal Kishan\Desktop\project python = convert roman to number.py'
X
10
PS C:\Users\Bal Kishan\Desktop> []
Ln 20, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit 19:58 16-12-2022
```

