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PYTHON PRACTICAL EXAM FEB 2022

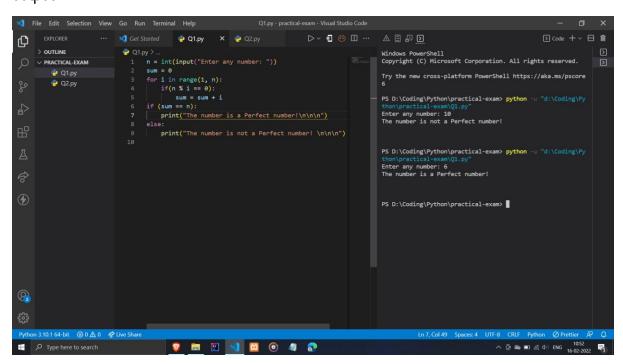
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Q.1 Python program to find given number is Perfect number or not

Solution==

```
n = int(input("Enter any number: "))
sum = 0
for i in range(1, n):
    if(n % i == 0):
        sum = sum + i
if (sum == n):
    print("The number is a Perfect number!\n\n\n")
else:
    print("The number is not a Perfect number! \n\n\n")
```

output==



Q.2 Predefined String functions in python.

Solution==

```
s=input("Enter your text->")
print("Predefined String functions->\n\n")
# String function to capitalize 1st letter
a=s.capitalize()
print("String with 1st letter capitalized: "+a)
# String function to lower case all characters
b=s.casefold()
print("String with lowercase: "+b)
# String function to find index of a string in Given String
c=s.index("s")
print("Index of s is:",c)
#String function to adjust given string in center
d=s.center(20)
print(d)
#string function to find length of string
print("Length of given string is:",len(s))
```

output==

