rough.py - C:\Users\dhinesh\Desktop\rough.py (3.7.1)

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```
a=0
n=int(input())
t=n
while(n>0):
    i=1
    fact=1
    r=n%10
    while(i<=r):
        fact=fact*i
        i=i+1
    a=a+fact
    n=n//10
if(a==t):
    print("strong number")
else:
    print("not a strong number")
```

Ln: 16 Col: 11

Python 3.7.1 Shell

File Edit Shell Debug Options Window Help

```
Python 3.7.1 (v3.7.1:260ec2c36a, Oct 20 2018, 14:57:15) [MSC v.1915 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=============== RESTART: C:\Users\dhinesh\Desktop\rough.py ===============
145
The number is a strong number
>>>
```

Ln: 7 Col: 4

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```python
n=int(input())
sum=0
for i in range(1,n):
    if(n%i==0):
        sum=sum+i
if (sum==n):
    print("Perfect number")
else:
    print("not a Perfect number")
```

Ln: 10 Col: 0

File Edit Shell Debug Options Window Help

```
Python 3.7.1 (v3.7.1:260ec2c36a, Oct 20 2018, 14:57:15) [MSC v.1915 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
================ RESTART: C:\Users\dhinesh\Desktop\rough.py ================
6
Perfect number
>>>
```

Ln: 7 Col: 4

```python
string=str(input())
vowel=0
cons=0
s=string.upper()
for i in s:
    if(i=='A' or i=='E' or i=='I' or i=='O' or i=='U'):
        vowel+=1
    else:
        cons+=1
print(vowel)
print(cons)
```

Python 3.7.1 Shell

```
Python 3.7.1 (v3.7.1:260ec2c36a, Oct 20 2018, 14:57:15) [MSC v.1915 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
================ RESTART: C:\Users\dhinesh\Desktop\rough.py ================
AEIOUaeiou
10
0
>>>
================ RESTART: C:\Users\dhinesh\Desktop\rough.py ================
AWEIokiu
6
1
>>>
```