

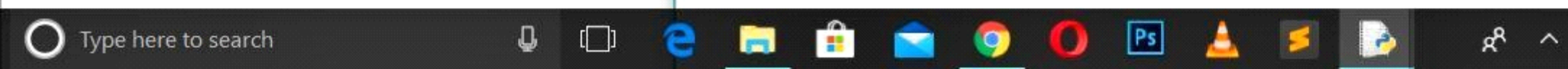


```
hw1.py - C:/Users/Jeffic/Desktop/Python/hw1.py (3.8.4)
File Edit Format Run Options Window Help

j=int(input())
a=0
b=j
while(j):
    c=1
    d=1
    e=j%10
    while(c<=e):
        d=d*c
        c+=1
    a=a+d
    j=j//10
if(a==b):
    print(b,"The number is a strong number")
else:
    print(b,"The number is not a strong number")
```

```
Python 3.8.4 Shell
File Edit Shell Debug Options Window Help

Python 3.8.4 (tags/v3.8.4:dfa645a, Jul 13 2020, 16:30:28) [MSC v.192
tel)] on win32
Type "help", "copyright", "credits" or "license()" for more informat
>>>
===== RESTART: C:/Users/Jeffic/Desktop/Python/hw1.py =====
145
145 The number is a strong number
>>>
===== RESTART: C:/Users/Jeffic/Desktop/Python/hw1.py =====
155
155 The number is not a strong number
>>> |
```



hw2.py - C:/Users/Jeffic/Desktop/Python/hw2.py (3.8.4)

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```
b=int(input())
s=0
for i in range(1,b):
    if b%i==0:
        s+=i
if(s==b):
    print(b,"is a perfect number")
else:
    print(b,"is not perfect number")
```

Python 3.8.4 Shell

File Edit Shell Debug Options Window Help

```
Python 3.8.4 (tags/v3.8.4:dfa645a, Jul 13 2020, 16:30:28) [MSC v.1920
tel)] on win32
Type "help", "copyright", "credits" or "license()" for more informati
>>>
===== RESTART: C:/Users/Jeffic/Desktop/Python/hw2.py =====
6
6 is a perfect number
>>>
===== RESTART: C:/Users/Jeffic/Desktop/Python/hw2.py =====
7
7 is not perfect number
>>> |
```



h3.py - C:/Users/Jeffic/Desktop/Python/h3.py (3.8.4)

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```
n=str(input())
a=0
b=0
n.lower()
for i in n:
    if(i=="a" or i=="e" or i=="i" or i=="o" or i=="u"):
        a+=1
    else:
        b+=1
print("Vowels = ",a)
print("Constants = ",b)
```

Python 3.8.4 Shell

File Edit Shell Debug Options Window Help

```
Python 3.8.4 (tags/v3.8.4:dfa645a, Jul 13 2020)
tel)] on win32
Type "help", "copyright", "credits" or "license()"
>>>
===== RESTART: C:/Users/Jeffic/Desktop/Python/
abcdefghi
Vowels = 3
Constants = 6
>>> |
```

