

```

1 n=int(input())
2 a=0
3 for i in range(1,n):
4     if(n%i==0):
5         a=a+i
6     if(a==n):
7         print(n,"is a perfect number!")
8     else:
9         print(n,"is not a perfect number!")

```



```

1 n=0
2 c=0
3 s=str(input())
4 s.lower()
5 for i in s:
6     if(i=="a" or i=="e" or i=="i" or i=="o" or
7       i=="u" or i=="s"):
8         v=v+1
9     else:
10        c=c+1
11 print("total number of vowels",v)
12 print("total number of consonant",c)

```



```

1 n=int(input())
2 a=0
3 b=n
4 while(b>0):
5     fact=1
6     i=1
7     r=b%10
8     while(i<=r):
9         fact*=i
10        i+=1
11        a=a+fact
12        b=b//10
13 if(a==n):
14     print(n,"is a strong number")
15 else:
16     print(n,"is not a strong number")

```

