```python
n=int(input())
sum1=0
for i in range(1,n):
    if(n % i == 0):
        sum1 = sum1 + i
if(sum1 == n):

    print("perfect number")
else:
    print("not perfect number")
```

```
6
perfect number


...Program finished with exit code 0
Press ENTER to exit console.
```

```python
n=int(input())
f=0
for i in range(n):
    if i*(i+1)==n:
        f=1
        break
if f==1:

    print("pronic number")
else:
    print("not pronic number")
```

```
20
pronic number


...Program finished with exit co
de 0
```

▶ Run   ⏺ Debug   ■ Stop

main.py

```python
1  n = int(input())
2  a, b = 0, 1
3  count = 0
4  while count < n:
5      print(a, end=" ")
6      a, b = b, a + b
7      count += 1
```

input

```
10
0 1 1 2 3 5 8 13 21 34

...Program finished with exit
code 0
Press ENTER to exit console.
```