



Run



Debug



Stop



S

in.py

```
1 s1=input("enter string1:")
2 s2=input("enter string2:")
3 if(sorted(s1)==sorted(s2)):
4     print("Anagram")
5 else:
6     print("not Anagram")
```



Input

```
enter string1:eat
enter string2:tea
Anagram
```

```
...Program finished with exit co
de 0
Press ENTER to exit console.
```



main.py

Output



```
1  n=int(input())
2  fact=1
3  i=1
4  while fact<n:
5      i=i+1
6      fact=fact*i
7  if fact==n:
8      print("factorial number")
9  else:
10     print("not a factorial number")
```



main.py

Output



```
1  n=int(input())
2  if n<=1:
3      print("Not a prime number")
4  else:
5      count=0
6      for i in range(1,n+1):
7          if n%i==0:
8              count+=1
9      if count==2:
10         print("prime number")
11     else:
12         print("not prime number")
13
```



Online Python C...

programiz.com



**Programiz**

Python Online Compiler

Programiz PRO

main.py

Output



```
1 r=int(input())
2 for i in range(1,r+1):
3     print(" " * (r-i) + "*" * (2*i-1)
        ))
```



main.py

Output



```
1  r=int(input())
2  for i in range(r,0,-1):
3      print("*" * i)
4
```



Online Python C...

programiz.com



**Programiz**

Python Online Compiler

Programiz PRO

main.py

Output



```
1 n=float(input())  
2 print("square root:",n**0.5)
```





Online Python C...

programiz.com



**Programiz**

Python Online Compiler

Programiz PRO

main.py

Output



```
1 x=int(input())  
2 y=int(input())  
3 x,y=y,x  
4 print("x=",x,"y=",y)
```



Run



Debug



Stop



ain.py

```
1 n=int(input())
2 total=0
3 while n > 0:
4     total += n % 10
5     n//= 10
6 print("Sum of digits:",total)
```



Input

55

Sum of digits: 10

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

```
Press ENTER to exit console.
```





Run



Debug

Stop



main.py

```
1 n=int(input())
2 for i in range(1, 11):
3     print(n,"x",i,"=",n*i )
```



out

```
2
2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
```

```
...Program finished with exit co
de 0
Press ENTER to exit console.
```



Run



Debug

Stop

Share

```
1 n=int(input())
2 temp=n
3 s=0
4 while temp > 0:
5     d=temp % 10
6     fact = 1
7     for i in range(1,d+ 1):
8         fact *= i
9     s+=fact
10    temp //= 10
11
12 if s==n:
13     print("Strong Number")
14 else:
15     print("not Strong Number")
```



Input

145

Strong Number

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

```
Press ENTER to exit console.
```



n.py

```
1 n=int(input())
2 temp=n
3 rev=0
4 while(n>0):
5     dig=n%10
6     rev=rev*10+dig
7     n=n//10
8 if(temp==rev):
9     print("palindrome")
10 else:
11     print("not palindrome")
```



121

palindrome

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

```
Press ENTER to exit console.
```



OnlineGDB  
online compiler  
and debugger  
for c/c++

code.  
compile. run.  
debug. share.

IDE

My Projects

Classroom

new

Learn  
Programn



Programming  
Questions

Sign Up

About • FAQ •

Blog • Terms

of Use •

Contact Us •

GDB Tutorial •

Credits •

Privacy



Run



Debug



Stop

main.py

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



10

0 1 1 2 3 5 8 13 21 34

...Program finished with exit  
code 0

Press ENTER to exit console.



main.py

Output



```
1  n=int(input())
2  sum1=0
3  for i in range(1,n):
4      if(n % i == 0):
5          sum1 = sum1 + i
6  if(sum1 == n):
7      print("perfect number")
8  else:
9      print("not perfect number")
```



main.py

Output



```
1  n=int(input())
2  flag=0
3  for i in range(1,n):
4      if(i*(i+1)==n):
5          flag=1
6          break
7  if(flag==0):
8      print("not pronic")
9  else:
10     print("pronic")
```





main.py

Output



```
1  n=int(input())
2  sum = 0
3  temp = n
4  while temp > 0:
5      digit = temp % 10
6      sum += digit ** 3
7      temp //= 10
8  if n == sum:
9      print("Amstrong number")
10 else:
11     print("Not Armstrong number")
```



Online Python C...

programiz.com



**Programiz**

Python Online Compiler

Programiz PRO

main.py

Output



```
1 text = input()
2 reversed_text = text[::-1]
3 print("reversed string:"
      ,reversed_text)
4
```



Run



Debug



Stop

main.py

```
1 n=int(input())
2 if n>0:
3     print("positive")
4 elif n==0:
5     print("zero")
6 else:
7     print("negative")
```



Output

4

positive

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

```
Press ENTER to exit console.
```



main.py

Output



```
1 year=int(input())
2 if(year%400==0 and year%100!=0 or
   year%4==0):
3     print("leap year")
4 else:
5     print("not leap year")
```



**Programiz**

Python Online Compiler

Programiz PRO

main.py

Output



```
1 n=int(input())
2 for i in range(1,n+1):
3     for j in range(1,i+1):
4         print(j,end=" ")
5     print()
```

5:15

VoLTE 4G 69



Online Python C...

onlinegdb.com



Run



Debug



Stop

main.py

```
1 n=int(input())
2 if n%2==0:
3     print("Even")
4 else:
5     print("Odd")
```



Input

```
2
Even
```

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

```
Press ENTER to exit console
```