

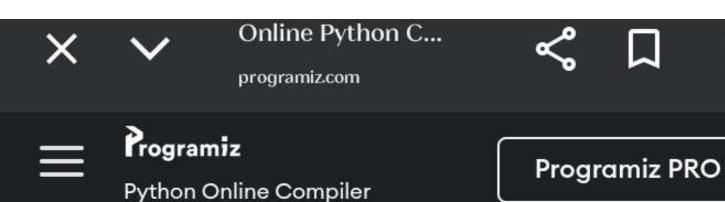
print("factorial number")

print("not a factoral number")

8

10

9 else:



main.py

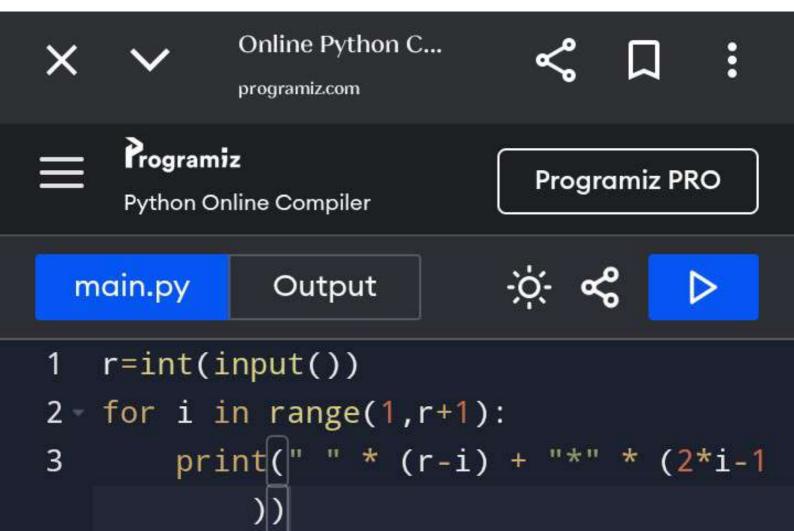
Output

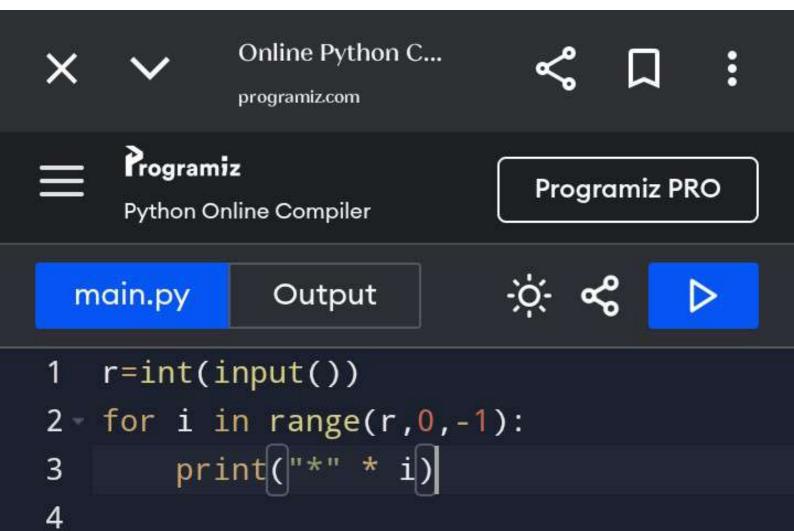


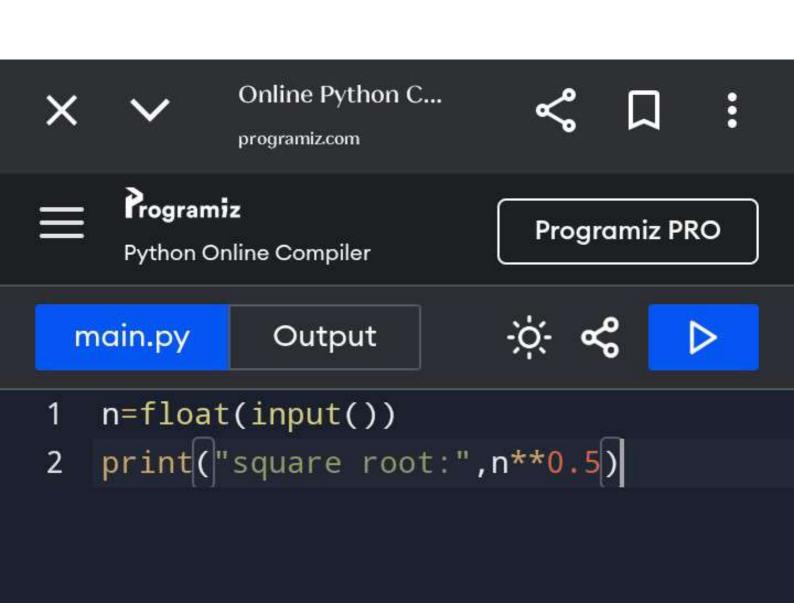


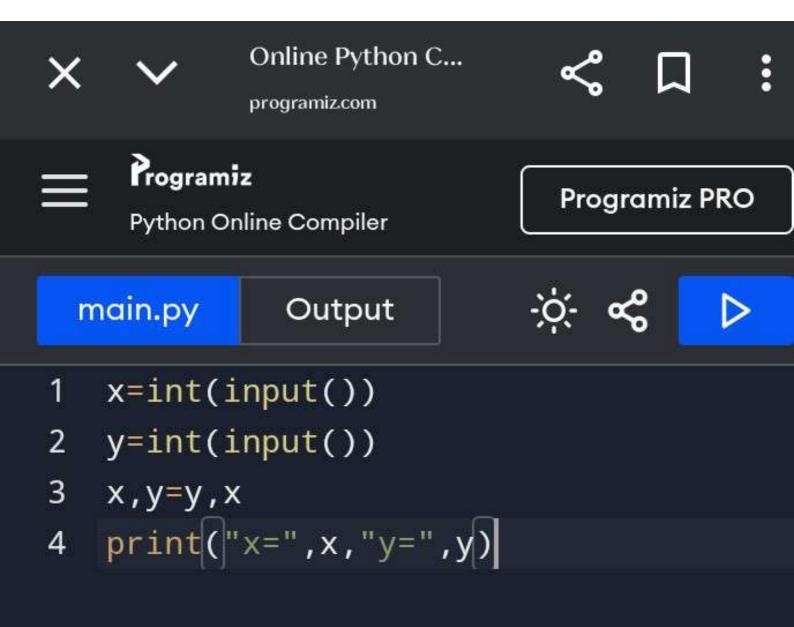


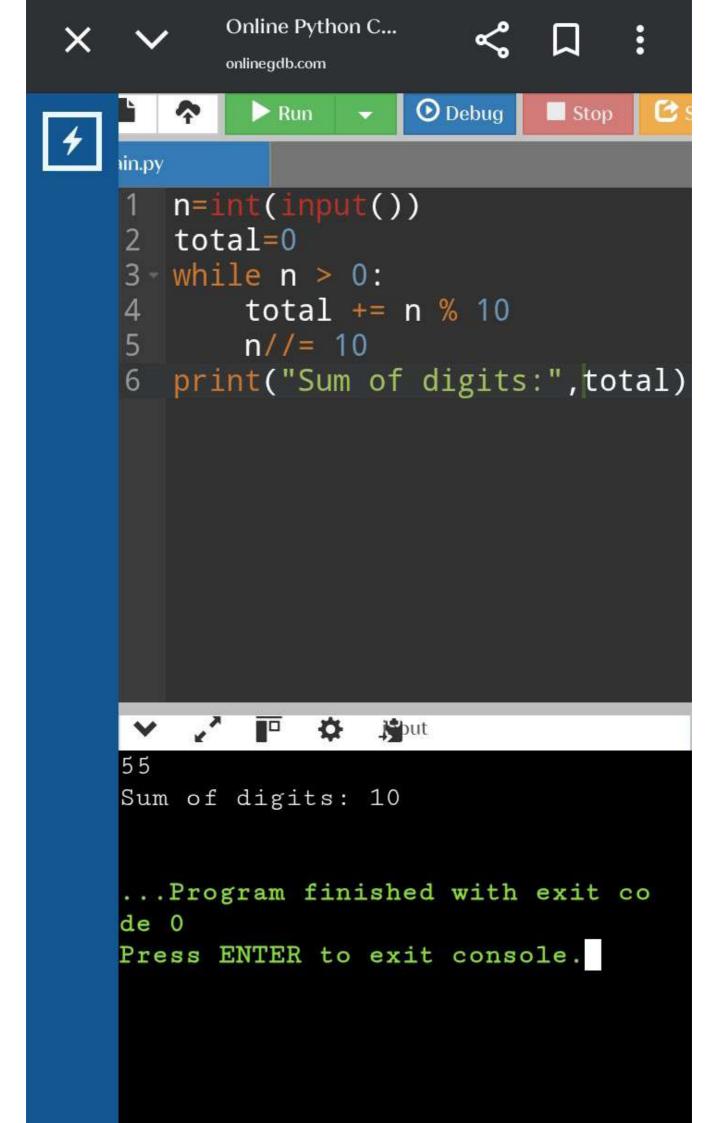
```
n=int(input())
 2 if n<=1:
        print("Not a prime number")
 3
 4 else:
 5
        count=0
 6 -
        for i in range(1,n+1):
 7 -
             if n%i==0:
 8
                 count+=1
 9 -
        if count==2:
10
             print("prime number")
11
        else:
            print("not prime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

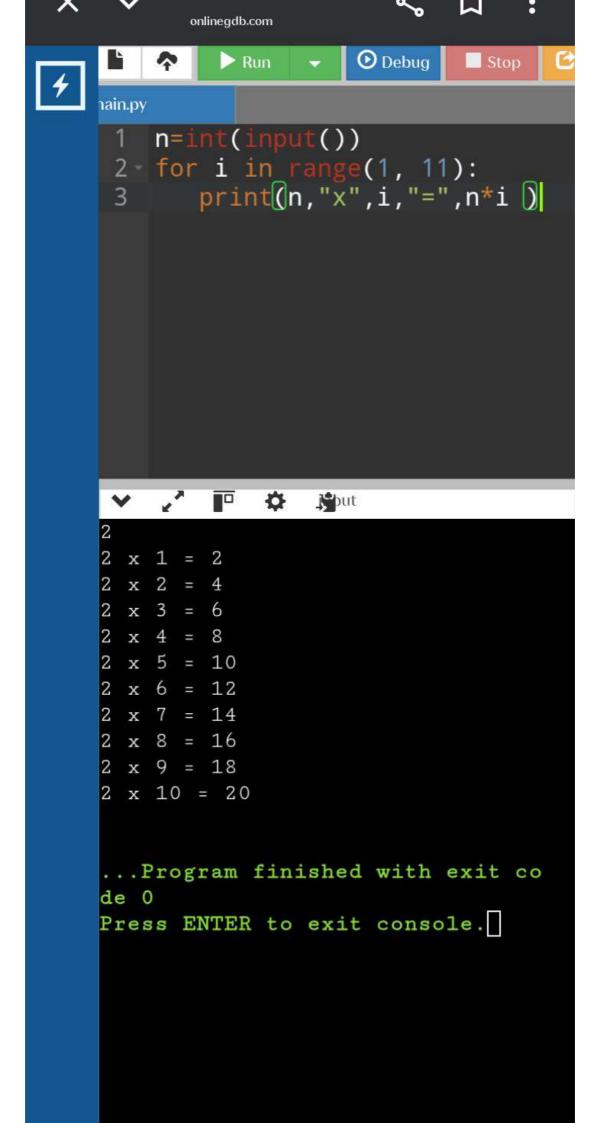


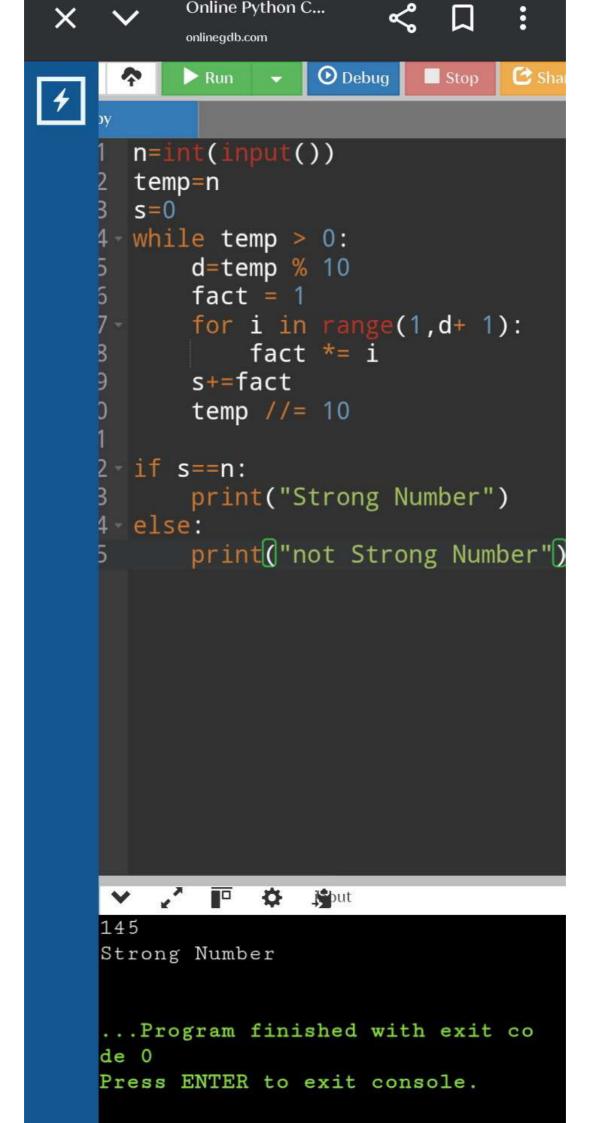




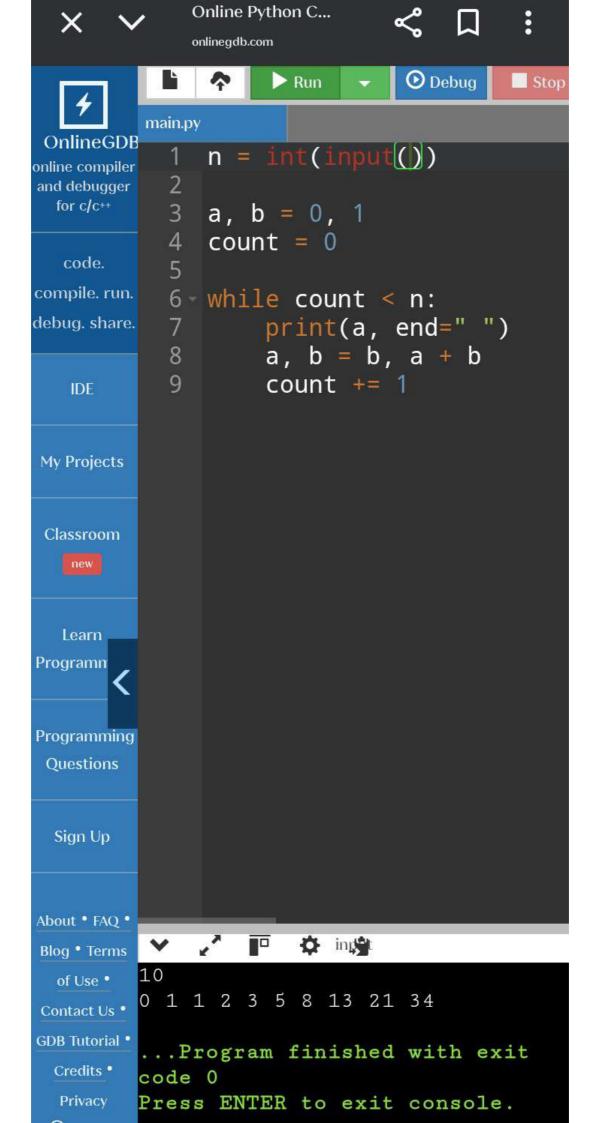


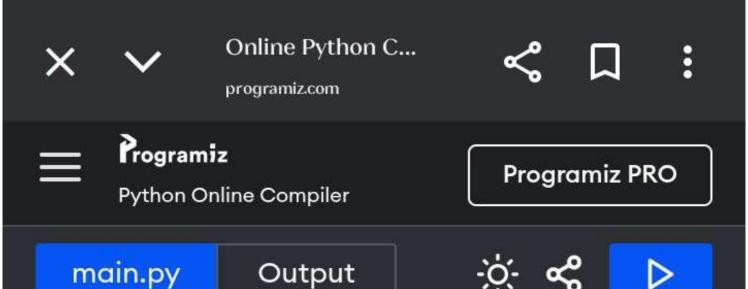




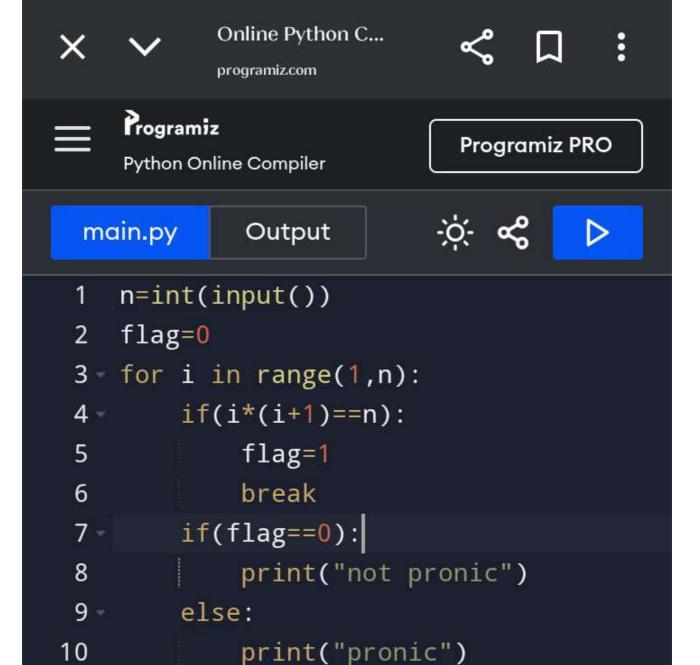


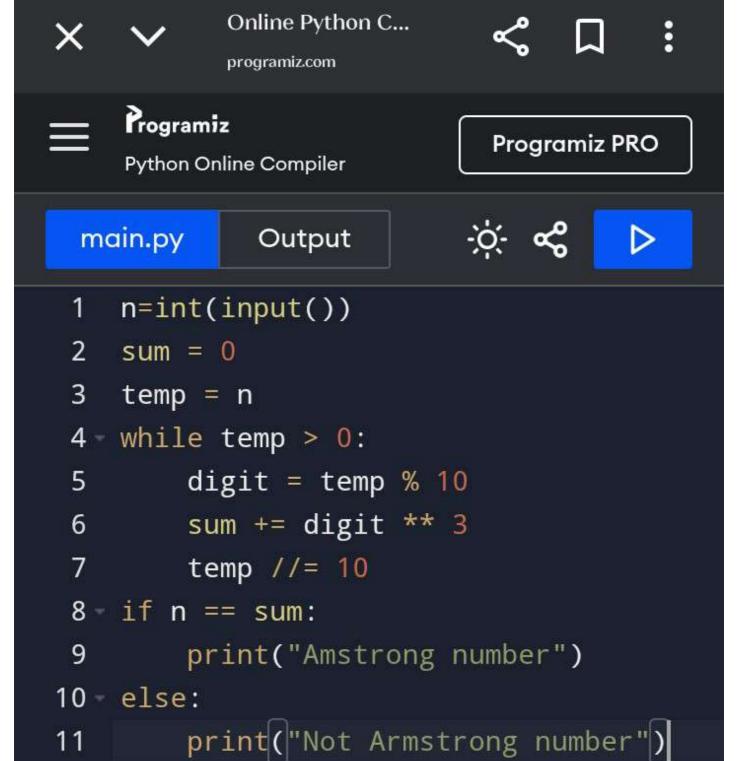


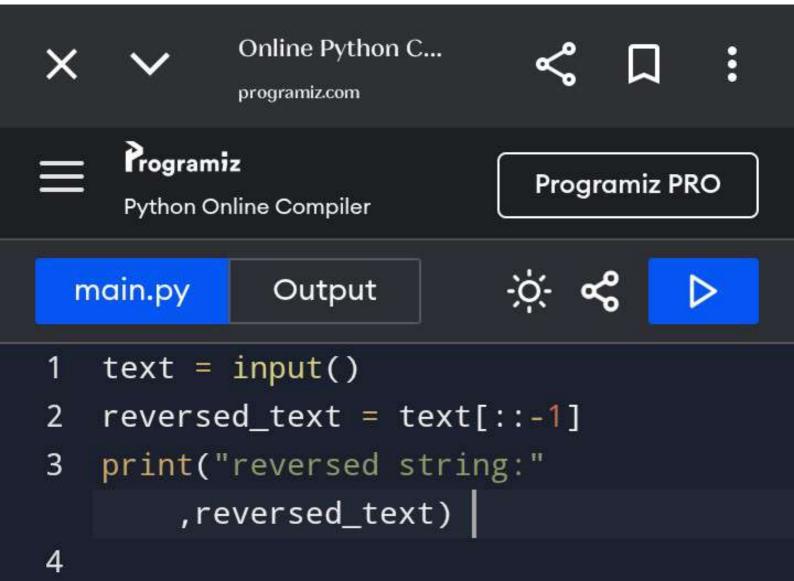


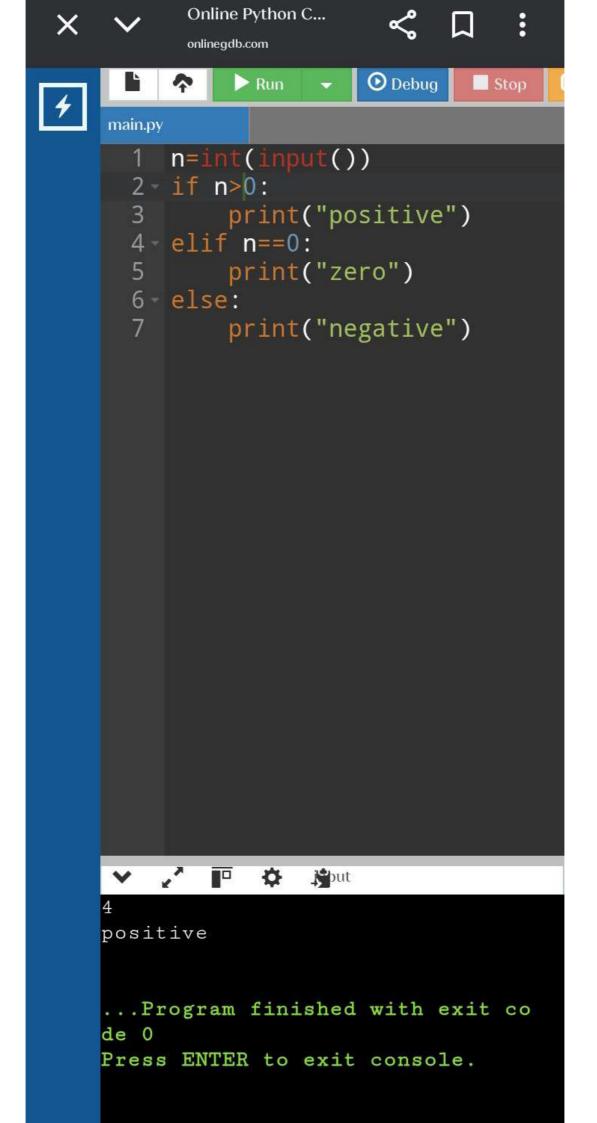


1 n=int(input())
2 sum1=0
3 for i in range(1,n):
4 if(n % i == 0):
5 sum1 = sum1 + i
6 if(sum1 == n):
7 print("perfect number")
8 else:
9 print("not perfect number")











Python Online Compiler

main.py

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Output







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



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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()
```

