

1.Print next prime and previous prime of a given number

Ans:-n=29

n1=n

count=0

while count==0:

 n=n+1

 for i in range (2,n):

 fact=0

 if n%i==0:

 fact+=1

 break

 if fact==0:

 print(n,"is next prime number after",n1)

 count=1

#previous prime number

n=29

n1=n

prev=True

while prev:

 n=n-1

 for i in range (2,n):

 fact=0

 if n%i==0:

 fact+=1

 break

 if fact==0:

 print(n,"is previous prime number before",n1)

 prev=False