a=int(input("enter a no:"))

b=int(input("enter a no:"))

print("addition is",a+b)

print("substraction is",a-b)

print("multiplication is",a\*b)

print("division is",a/b)

a= int(input("enter a no:"))

if(a%2==0):

print("no is even")

else:

print("no is odd")

a=int(input("enter a no:"))

b=int(input("enter a no:"))

if(a>b):

print("a is greater")

else:

print("b is greater")

a=int(input("enter a :"))

b=int(input("enter b:"))

c=int(input("enter c:"))

if(a>b):

if(a>c):

print("a is greater")

else:

print("c is greater")

else:

if(b>c):

print("b is greater")

else:

print("c is greater")

a=int(input("enter a no:"))

c=int(a/2)

if(a==1):

print("it is neither prime, nor composite")

elif(a==2):

print("It is prime no.")

elif(a%2==0):

print("It is composite no.")

else:

is\_prime = True

for i in range(3, int(a\*0.5)+1, 2):

if a % i == 0:

is\_prime = False

break

if is\_prime:

print("It is a prime number")

else:

print("It is a composite number")

a=int(input("Enter the smaller no. "))

b=int(input("Enter the larger no. "))

print("even numbers are")

for i in range(a,b):

if(i%2==0):

print(i)

print("odd numbers are")

for i in range(a,b):

if(i%2!=0):

print(i)

start=int(input("Enter the start"))

end=int(input("Enter the end"))

def is\_prime(n):

if n <= 1:

return False

for i in range(2, int(n\*\*0.5)+1):

if n % i == 0:

return False

return True

for i in range(start, end+1):

if is\_prime(i):

print(i)

n = int(input("Enter a number: "))

rev = 0

while n > 0:

digit = n % 10

rev = rev \* 10 + digit

n = n // 10

print("The reversed number is:", rev)