In [4]:
```
def max(a, b, c):

    if (a >= b) and (a >= c):
        largest = a

    elif (b >= a) and (b >= c):
        largest = b
    else:
        largest = c

    return largest
a = 10
b = 20
c = 30
print(max(a, b, c))
```

```
30
```

In [5]:
```
str = "programming"[::-1]
print(str)
```

```
gnimmargorp
```

In [1]:
```
n=int(input('enter num:'))
temp=n
reverse=1
digit=0
if(n>1):
    for i in (2,n):
        if(n%i==0):
            print('not prime number')
            break
        else:
            print('prime number')
            break
else:
    print('not prime number')
```

```
enter num:4
not prime number
```

In [2]:
```
n=int(input('enter a number:'))
try:
    int(n)
except:
    print('enter valid input of integer type')
else:
    temp=n
    rev=0
    while (n>0):
        digit=n%10
        rev=rev*10+digit
        n=n//10
    if rev==temp:
        print('palindrome')
    else:
        print('not a palindrome')
finally:
    print('done')
```

```
enter a number:57869
not a palindrome
done
```

In [3]:
```
n=int(input('enter n value:'))
t,s=0,0
for i in range(1,n+1):
    s=i*i
    t=t+s
    i=i+1
print('the sum of the squares of first n natural numbers is:',t)
```

```
enter n value:4
the sum of the squares of first n natural numbers is: 30
```