

```
1  #to check max of three numbers
2  a=int( input( 'enter the value of a' ) )
3  b=int( input( 'enter the value of b' ) )
4  c=int( input( 'enter the value of c' ) )
5  if ( a>=b ) and ( a>=c ) :
6      print( 'a is max' )
7  elif ( b>=a ) and ( b>=c ):
8      print( 'b is max' )
9  else:
10     print( 'c is greater' )
```





TAB



```
enter the value of a 4  
enter the vqlue of b 5  
enter the value of c 6  
c is greater
```

```
[Program finished]
```

```
1 #reversing of a string
2 a=str( input( 'enter a string' ) )
3 print( 'reverse of a string is:' )
4 print(a[::-1])
```





TAB



```
enter a string python
reverse of a string is:
nohtyp
[Program finished]
```

```
1 #check whether a number is an prime or not
2 a=int( input( 'enter a number' ) )
3 for i in range( 2,a ) :
4     if a%i==0:
5         print( 'Not a prime number' )
6         break
7 else:
8     print( 'its a prime number' )
```





TAB



```
enter a number 5  
its a prime number  
[Program finished]
```

```
1 #finding the sum of n natural numbers
2 n=int( input( 'enter a nimber' ) )
3 sum=0
4 while( n>0 ):
5     sum=sum+( n*n )
6     n=n-1
7 print( 'the sum of the squares of a first n natural
numbers is',sum )
```





TAB



enter a number 5

the sum of the squares of a first n natural numbers is 55

[Program finished]


```

1  #Use try, except, else and finally block to check
   whether the number is palindrome or not.
2  try:
3      n=int( input( 'Enter a number: ' ) )
4  except ValueError:
5      print( 'Enter only numbers' )
6  else:
7      temp=n
8      rev=0
9      while( n>0 ):
10         dig=n%10
11         rev=rev*10+dig
12         n=n//10
13     if( temp==rev ):
14         print( 'Palindrome' )
15     else:
16         print( 'Not a palindrome' )
17

```





TAB



Enter a number:303

Palindrome

[Program finished]

