

```

1 a=int(input("enter the number:"))
2 if(a>10):
3
4     print("the number is greate than 10")
5

```

```

-----
KeyboardInterrupt                                Traceback (most recent call last)
<ipython-input-1-9292eb73b460> in <cell line: 1>()
----> 1 a=int(input("enter the number:"))
      2 if(a>10):
      3
      4     print("the number is greate than 10")

```

1 frames

```

/usr/local/lib/python3.10/dist-packages/ipykernel/kernelbase.py in _input_request(self, prompt, ident, parent, password)
    893         except KeyboardInterrupt:
    894             # re-raise KeyboardInterrupt, to truncate traceback
--> 895             raise KeyboardInterrupt("Interrupted by user") from None
    896         except Exception as e:
    897             self.log.warning("Invalid Message:", exc_info=True)

```

KeyboardInterrupt: Interrupted by user

SEARCH STACK OVERFLOW

```

1 a=int(input("enter the age:"))
2 if(a<18):
3     print("you are not eligible for vote")
4 else:
5     print("you are eligible for vote")

```

```

1 a=int(input("enter the first number:"))
2 b=int(input("enter the second number:"))
3 if(a>b):
4     print("a is greater and a:",a)
5 else:
6     print("b is greater and b:",b)

```

```

1 a=int(input("enter a number:"))
2 if(a%2==0):
3     print("the number is even")
4 else:
5     print("the number is odd")
6

```

```

1 a=int(input("enter the first number:"))
2 b=int(input("enter the second number:"))
3 sum=a+b
4 if(sum>10):
5     print("result is greater than 10 and result :",sum)
6 else:
7     print("result is less than 10 and result:",sum)

```

```

1 a=int(input("enter the first number:"))
2 b=int(input("enter the second number:"))
3 c=int(input("enter the third number:"))
4 if(a>b):
5     if(a>c):
6         print(a," is greater")
7     elif(b>c):
8         print(b," is greater")
9 else:
10    print(c,"is graeter")

```

```

1 a,b,c=1,2,3
2

```

```

1 n=int(input("enter the limit:"))
2 for i in range(1,n+1,1):
3     print("**i)

```

```

4 for i in range(n-1,0,-1):
5     print("**i)

```

```

    enter the limit:5
*
**
***
****
*****
****
***
**
*

```

```

1 n=int(input("enter the n:"))
2 for i in range(1,n+1):
3     for j in range(1,i+1):
4         print('*',end="")
5     print("\n")
6 for i in range(1,n+1):
7     for j in range(1,i+1):
8         print('*',end="")
9     print("\n")

```

```

    enter the n:5
*
**
***
****
*****

```

```

1 #for i in range(5):
2 print('i'*4)

```

```

1 l1=[9,-1,-7,4,55,3,-7,-5,99,71,-54]
2 l2=[i for i in l1 if i>0]
3 l2

```

```

1 l1=[1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25]
2 l2=[i**2 for i in l1]
3 print("square:",l2)

```

```

1 l1=input("enter the word:")
2 l2=[i for i in l1 if i in "aeiouAEIOU"]
3 print("vowels are:",l2)

```

```

    enter the word:alejhigobbggu
    vowels are: ['a', 'e', 'i', 'o', 'u']

```

```

1 l1=input("enter the value:")
2 l2=[ord(i) for i in l1]
3 print("ord value:",l2)

```

```

1 l1=input("enter a sentence:")
2
3 print(" no of a in a sentence:",l1,l1.count('a'),"times")

```

```

1 l1=input("enter a sentence:")
2 l2=[i for i in l1 if i==" "]
3 word=len(l2)
4 print(word+1)

```

```

1 l1=[1,2,3,4,5]
2 l2=[2,3,4,7,8]
3 if(len(l1)==len(l2)):
4     print(" length of two list are same")
5 else:
6     print("legth is not same")

```

```

7 sum1=0
8 sum2=0
9 for i in range(len(l1)):
10     sum1=sum1+l1[i]
11 for i in range(len(l2)):
12     sum2=sum2+l2[i]
13 if(sum1==sum2):
14     print("sum is equal and sum:",sum1)
15 else:
16     print("sum is not equal")
17 for i in range(len(l1)):
18     for k in range(len(l2)):
19         if(l1[i]==l2[k]):
20             print(l1[i],"\t",end=" ")
21 print("these are both occur")

```

```

1 n=int(input("enter num of inte:"))
2 list=[]
3 for i in range(n):
4     a=int(input("enter values:"))
5     if(a>100):
6         list.append("over")
7     else:
8         list.append(a)
9 print(list)
10

```

```

1

```

```

1 n=input("enter a sentence:")
2 l1=list(n)
3 a=n[0]
4 b='$'
5 for i in range (1,len(n)):
6     if(a==l1[i]):
7         l1[i]=b
8 print(l1)

```

```

enter a sentence:althaf
['a', 'l', 't', 'h', '$', 'f']

```

```

1 c=int(input("enter number of the colors:"))
2 list=[]
3 for i in range(c):
4     a=input("enter colors:")
5     list.append(a)
6 print(list[0],list[-1])

```

```

enter number of the colors:3
enter colors:red
enter colors:green
enter colors:blue
red blue

```

```

1 #enter word and add ing at last or ly add
2 w=input("enter a word:")
3 if w.endswith("ing"):
4     w=w+"ly"
5 else:
6     w=w+"ing"
7 print(w)

```

```

enter a word:althaf
althafing

```

```

1 #

```

```

1 s=input("enter a sentence:")
2 l1=list(s)
3 l=len(l1)
4 f=l1[0]
5 l1[0]=l1[l-1]
6 l1[l-1]=f

```

```
7 print(l1)
8
```

```
enter a sentence:althaf
['f', 'l', 't', 'h', 'a', 'a']
```

```
1 word=input("enter the name:")
2 s=word[-1]+word[1:-1]+word[0]
3 s
```

```
enter the name:alshin
'nlschia'
```

```
1 #write lambda functions to find area of square, rectangle and triangle.
2 s=int(input("enter the size of the square:"))
3 area=lambda s:s*s
4 print(area(s))
5 b=int(input("enter the breadth of rectangle and triangle:"))
6 l=int(input("enter the height of rectangle:"))
7 ar=lambda b,l:b*l
8 print(ar(b,l))
9 h=int(input("enter the height of triangle:"))
10 arr=lambda b,h:0.5*b*h
11 print(arr(h,b))
12
```

```
enter the size of the square:4
16
enter the breadth of rectangle and triangle:5
enter the height of rectangle:6
30
enter the height of triangle:3
7.5
```

```
1 n=int(input("enter the limit:"))
2 list=[]
3 for i in range(n):
4     a=int(input("enter the value:"))
5     list.append(a)
6 print(list)
```

```
enter the limit:4
enter the value:2
enter the value:3
enter the value:4
enter the value:6
[2, 3, 4, 6]
```

```
1 d1={"name":"althaf","age":21,"height":172}
2
3 print(d1.keys())
4 print(d1.values())
5 print(d1.items())
```

```
dict_keys(['name:', 'age:', 'height:'])
dict_values(['althaf', 21, 172])
dict_items([('name:', 'althaf'), ('age:', 21), ('height:', 172)])
```

