```
>> #1
>>> string="Python is a case sensitive language"
>>> language langu
```

```
>>> #4
>>>
>>> string=input("Enter your input here : ")
Enter your input here : My name is Vaibhav.
>>> if string.find("name"):
... print("Yes")
... else:
... print("No")
...
Yes
>>> _
```

```
>>> #5
>>>
>>> a=int(input("Enter side a of triangle : "))
Enter side a of triangle : 4
>>> b=int(input("Enter side b of triangle : "))
Enter side b of triangle : 3
>>> c=int(input("Enter side c of triangle : "))
Enter side c of triangle : 8
>>> while (a<=b+c and (b<=a+c) and c<=a+b):
... print('yes')
... break
... else:
... print('no')
...

no
>>>
```

```
>>> #6
>>>
>>> a,b=map(int,input("Enter the values of A and B : ").split())
Enter the values of A and B : 999 333
>>> num=a^b
>>> count_flipped_bit=0
>>> while(num!=0):
... num=num&(num-1)
... count_flipped_bit+=1
...
>>> print("Number of bits needed to be flipped to convert a to b is : ",count_flipped_bit)
Number of bits needed to be flipped to convert a to b is : 5
>>>
```