Day 6 if-else conditional statement

#to check whether the character is vowel or not

'''ch = input("enter one character")

if ch in "aeiouAEIOU":

print("vowel")

else:

print("consonant")

ASCII (American Standard code for information interchange)codes

256 characters

a- 97

b-98

c-99

z-

A-65

B-66

Z

0-48

1-49

9

ord()- gives ASCII value

chr()- gives character

#to check whether the character is digit, uppercase, lowercase, sp. symbol

ch = input("enter one character")

if ch in "0123456789":

print("digit")

else:

print("capital letters")

sum of the angles - 180

right angled triangle- one of the angle is 90

1. input

2. logic or conditions will apply

3. output

a=int(input("enter the angle"))

b=int(input("enter the angle"))

c=int(input("enter the angle"))

sum1=a+b+c

if sum1!=180:

print("triangle cannot be formed")

else:

if a==90 or b==90 or c==90:

print("right angled triangle")

else:

print("not")

(

sides

a,b,c

scalene -all the sides are different

isosceles - any two side are equal

equilateral- 3 sides are equal)

Q. i/p of three sides of a triangle from the user and check whether it is S,I,E

year= int(input("enter the year"))

if year %100==0:

if year %400==0:

leap= 1

else:

leap=0

elif year%4==0:

leap=1

else:

leap=0

if leap==1:

print("leap year")

else:

print("not a leap year")

True- not 0- 1,2,3

False- 0

'''

if -3:

print("hi")

else:

print("bye")