**Task 1:**

Create a class distance that take feet, inches and then perform an operator overloading (Overload + Operator).

# Code

class Distance:

def \_\_init\_\_(self,i,f):

self.inches=i

self.feet=f

def \_\_add\_\_(self,other):

i=self.inches + other.inches

f=self.feet + other.feet

return ("The total inches is {0} and total feet is {1}".format(i,f))

d1=Distance(3,4)

d2=Distance(6,7)

print(" {}".format(d1+d2))

# Result

C:\Users\HASSAN ENTERPRISES\Desktop\result of lab 9 task 1 oops.png

**Task 2:**

Create a class time that take hour’s minutes, and second and then perform an operator overloading (Overload - Operator).

# Code

class Time:

def \_\_init\_\_(self,h,m,s):

self.hours=h

self.minutes=m

self.second=s

def \_\_sub\_\_(self,other):

h=self.hours-other.hours

m=self.minutes-other.minutes

s=self.second-other.second

return("The current time is {} hours {} minutes and {} seconds".format(h,m,s))

t1=Time(5,6,7)

t2=Time(3,2,1)

print(t1-t2)

# Result

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