#Child Class has no Constructor Method

class Trip:

'''This class describes a Trip.'''

def \_\_init\_\_(self, departday=None, arriveday=None):

self.departday = departday

self.arriveday = arriveday

def print\_departure(self):

print("Trip leaves on {}".format(self.departday))

class Cruise(Trip):

'''Child Class Cruise inherting its properties from parent class Trip'''

def print\_schedule(self):

print("Cruise {} to {}".format(self.departday,self.arriveday))

class Flight(Trip):

'''Child Class Flight inherting its properties from parent class Trip'''

def print\_arrival(self):

print("Flight arrives on {}".format(self.arriveday))

if \_\_name\_\_ == '\_\_main\_\_':

#Cruise class object

voyage = Cruise(departday='Friday', arriveday='Monday')

print(voyage.departday)

print(voyage.arriveday)

voyage.print\_departure()

voyage.print\_schedule()

print("\*"\*50)

flthome = Flight(departday='Monday', arriveday='Monday')

print(flthome.departday)

print(flthome.arriveday)

flthome.print\_departure()

flthome.print\_arrival()