

INT-108

(Python Mini Project)

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**Section:** KOC02

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*Python program to print all years in the range of given dates those are leap years separately and the rest of the years are which are non-leap years separately.*

#Leap Year Program

#Taking input from user for starting year

year = int(input("Enter the Starting Year: "))

# taking input from user for ending year

year2 = int(input("Enter the Ending Year: "))

# creating empty list

s = []

# creating empty list

b = []

for i in range(year,(year2)+1): # Loop for starting year to ending year

if i % 4 == 0: # Conditions for checking leap year or not

if i % 100 != 0:

s.append(i) # Using append function to store value in the Lists

elif i % 100 == 0:

if i % 400 == 0:

s.append(i)

else:

b.append(i)

else:

b.append(i)

# printing leap year

print("Leap Years: ",end="")

for x in range(len(s)): #Converting List of Leap-Years into form of output by traversing it

print(s[x],end=", ")

print("\n")

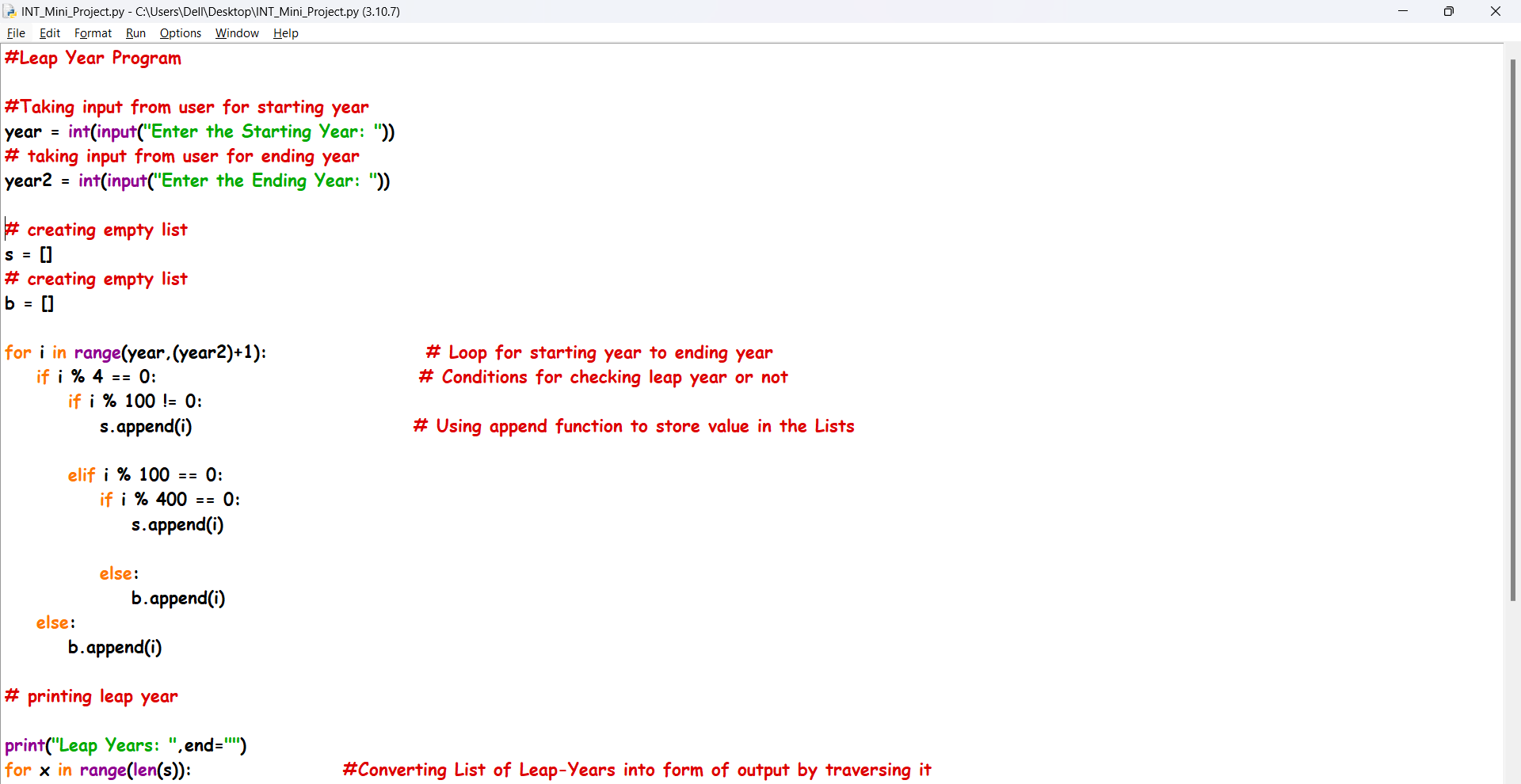
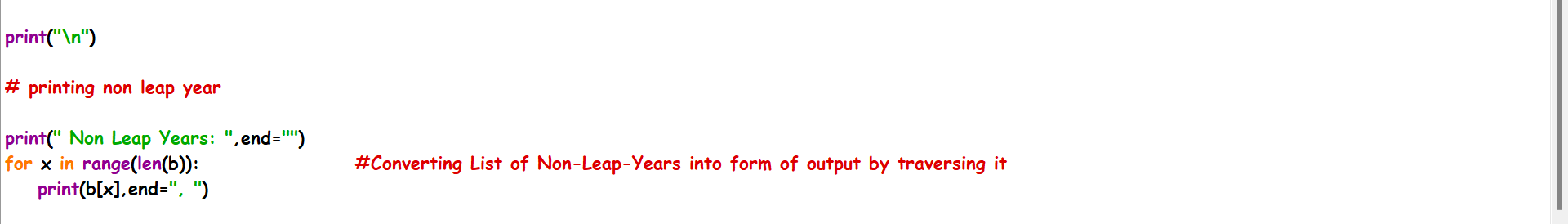
# printing non leap year

print(" Non Leap Years: ",end="")

for x in range(len(b)): #Converting List of Non-Leap-Years into form of output by traversing it

print(b[x],end=", ")

**Snipped of Code in IDLE:-**

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