SUBJECT:

INT108-PYTHON PROGRAMMING

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Task: To create a functionality in which when user will input a range of two dates and print all years in the range of given dates those are leap years separately and rest of the years those are non-leap seprarately.

Code for the Task:

```
import calendar
def information():
    '''******Python Mini Project******

This project is to calculate the leap years and the non leap years in a given range of two input dates.
Input date range is in the format dd/mm/yy.

'''
print(information.__doc__)

first_date=input("Enter the first date: ")
first_date1=first_date.split("/")
start=int(first_date1[2])
last_date=input("Enter the last date: ")
last_date1=last_date.split("/")
end=int(last_date1[2])
print("The range is: from",start,"to",end) leap=[]
nonleap=[]
for i in range(start,end+1):
    if (calendar.isleap(i)==False):
        nonleap.append(i)
    else:
        leap.append(i)
print("List of leap year is:",leap)
print("List of non leap year is:",nonleap)
print("******Thank you for visiting here******")
```
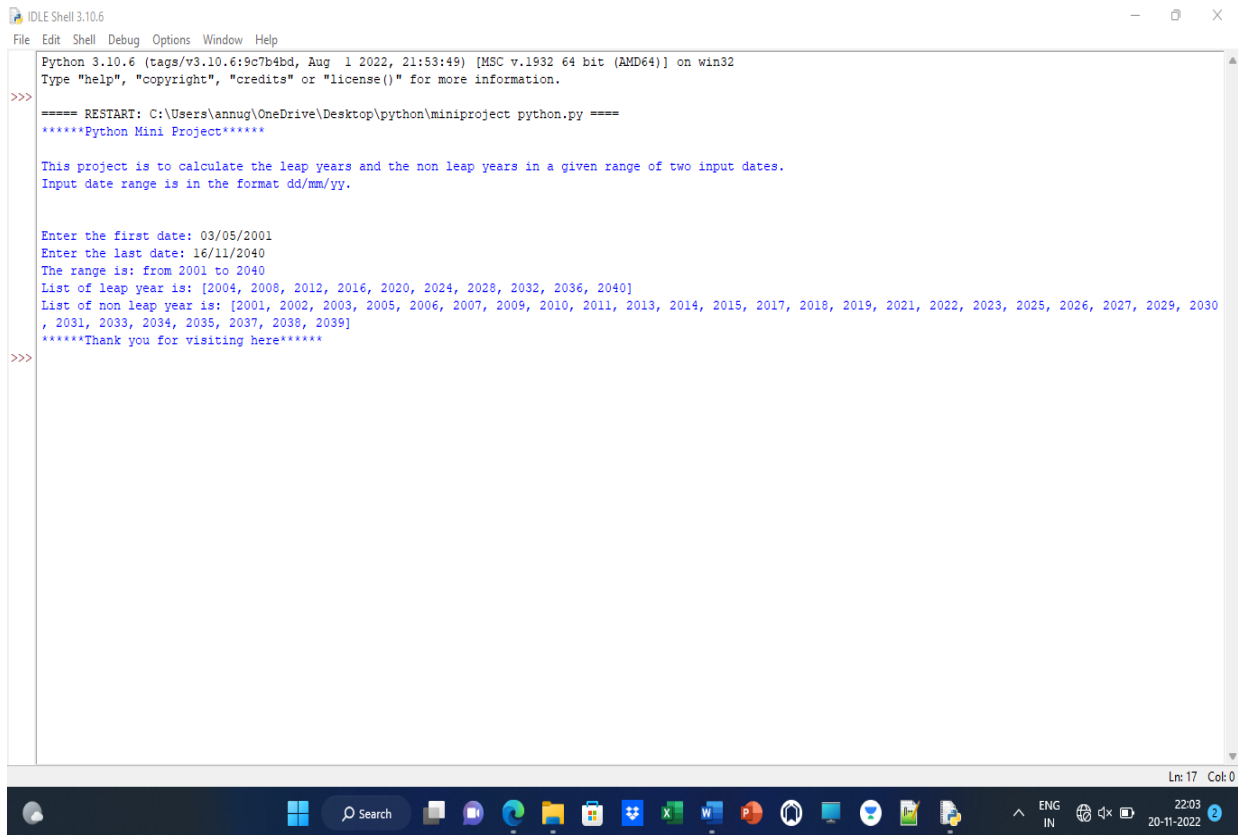
Output of the code: