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In [5]: year = int(input("Enter the year: "))
#This line prompts the user to input a year, converts the input into an integer using

if (year % 400 == 0) and (year % 100 == 0): # year is evenly divisible by 400 and also
    print(year, "is leap year") #If the condition in line 4 is true, this line will pr

elif (year % 4 == 0) and (year % 100 != 0): #ear is evenly divisible by 4 (without rem
    print(year, "is leap year") #If the condition in line 7 is true, this line will al

else: #This else statement executes if none of the previous conditions are met
    print(year, "is not leap year") #If none of the leap year conditions are met, this

Enter the year: 2000
2000 is leap year
```

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In [ ]:
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