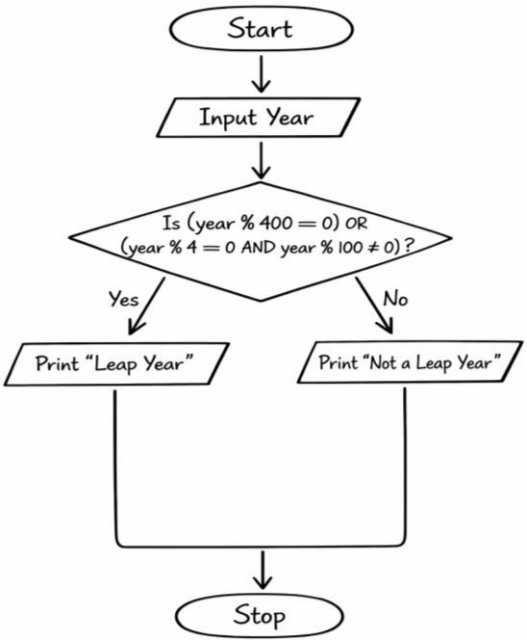
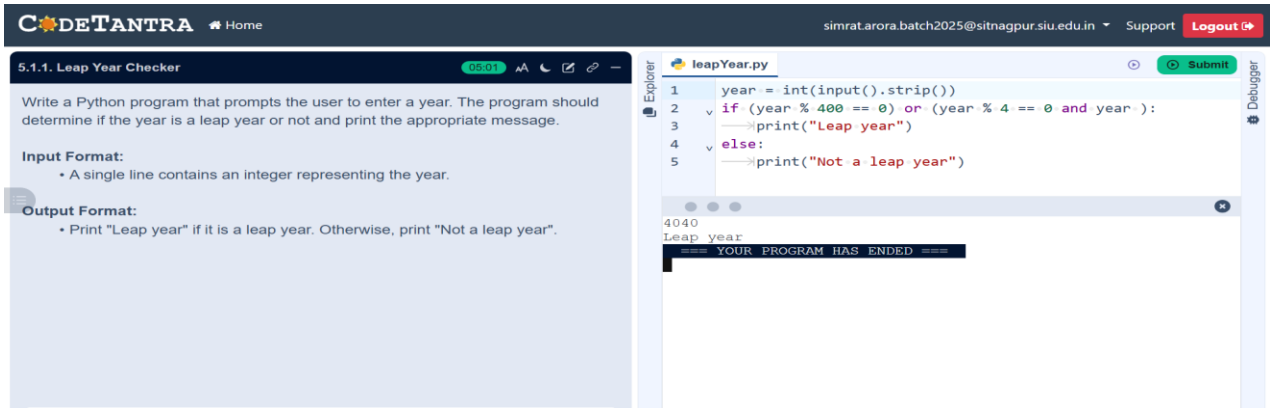
PPS 3.1.1

Algorithm: Find the Largest of Three Numbers

1. Start
2. Input year
3. If (year % 400 == 0)
   → Print "Leap year"
4. Else if (year % 4 == 0 AND year % 100 != 0)
   → Print "Leap year"
5. Else
   → Print "Not a leap year"
6. End

Flowchart:





PPS 3.1.2

Algorithm

1. **Start**
2. **Input** four subject marks
- Read m1, m2, m3, m4
3. **Calculate Total**
- total = m1 + m2 + m3 + m4
4. **Calculate Aggregate Percentage**
- aggregate = total / 4
5. **Display Total**
6. **Display Aggregate** (up to 2 decimal places)
7. **Check Grade:**
- If aggregate > 75
  → Print **"Distinction"**
- Else if aggregate >= 60
  → Print **"First Division"**
- Else if aggregate >= 50
  → Print **"Second Division"**
- Else if aggregate >= 40
  → Print **"Third Division"**
- Else
  → Print **"Fail"**
8. **End**

Flowchart