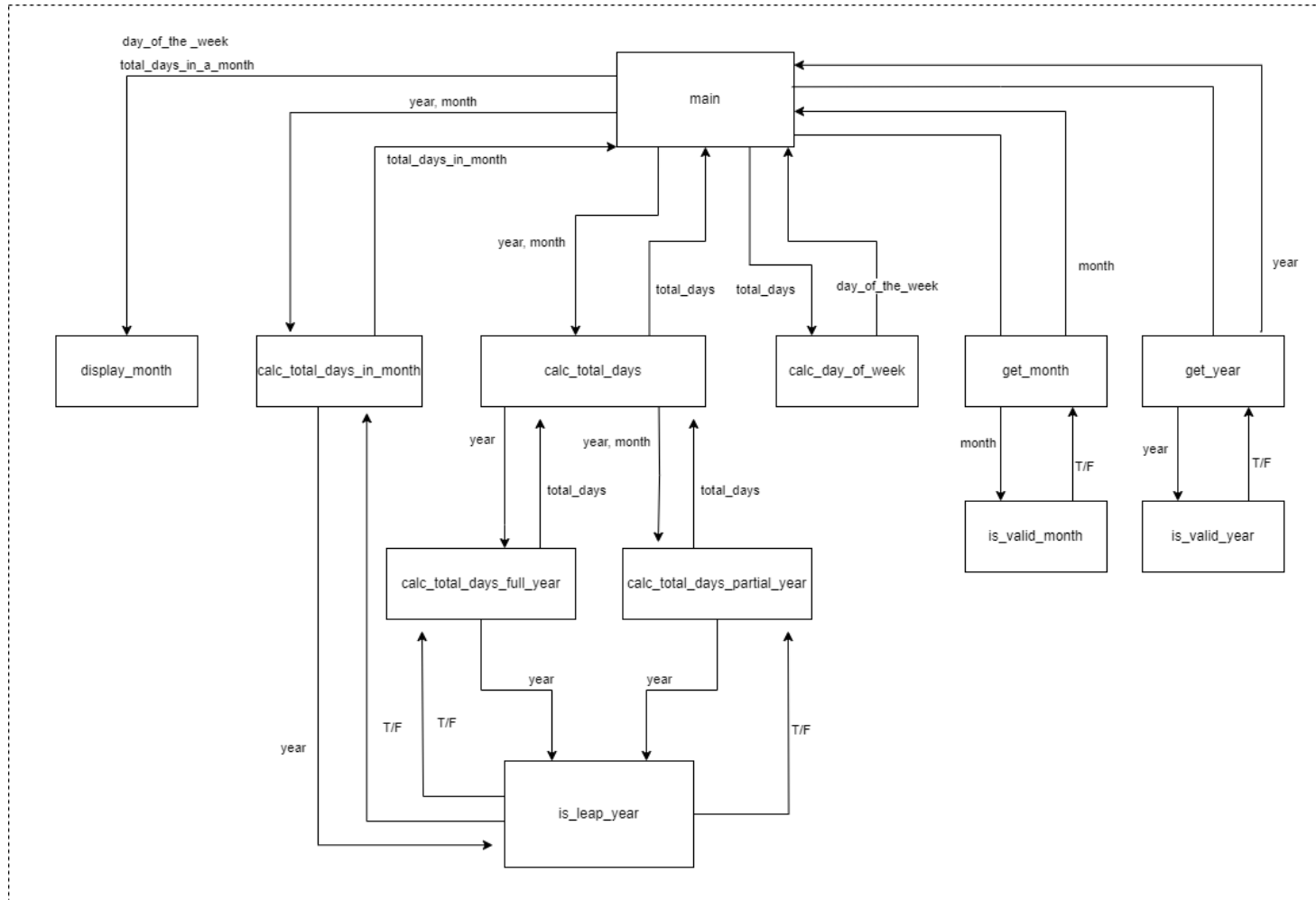
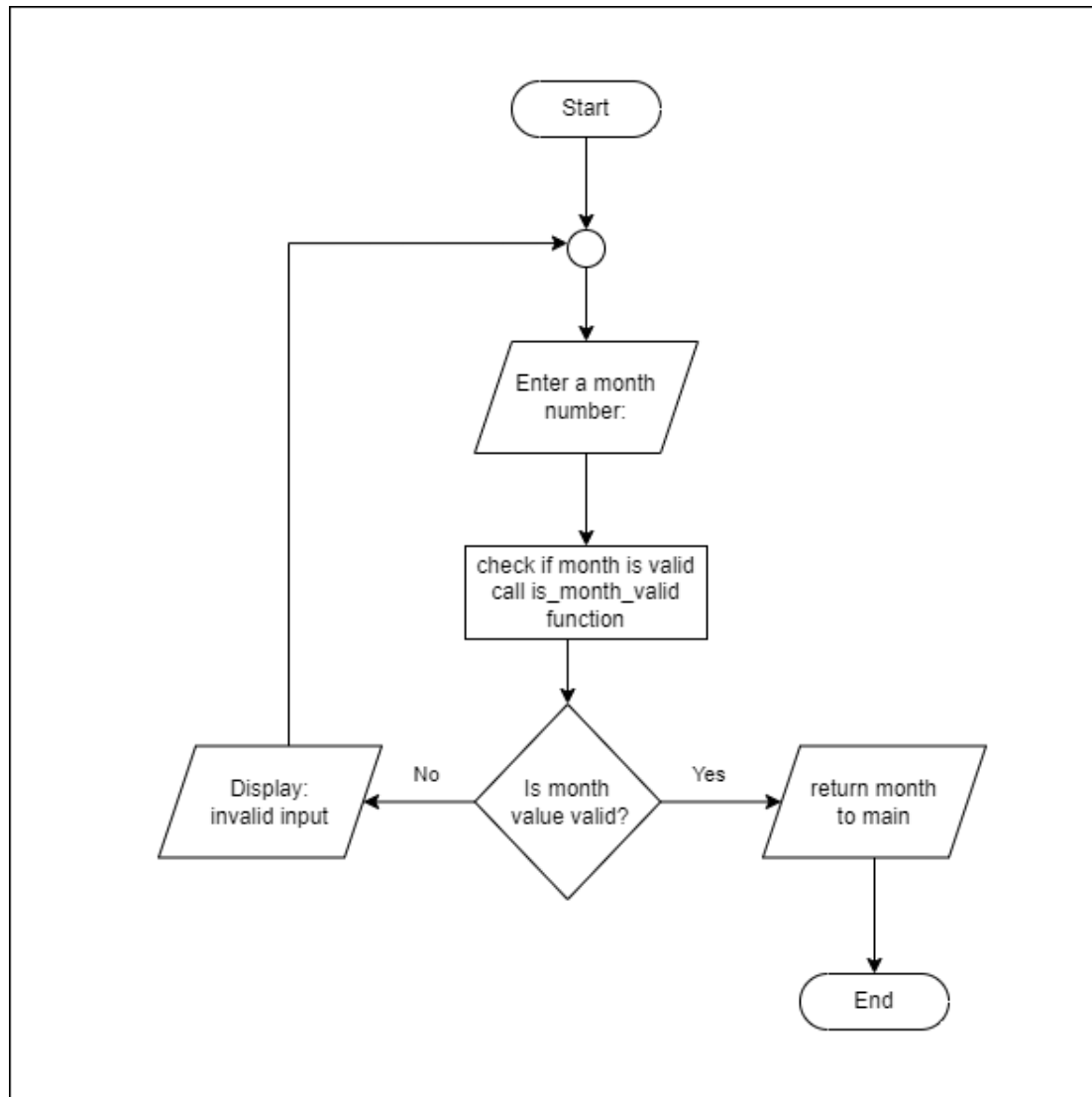


## LAB 02: CALENDAR DESIGN

### Structure Chart



## Flowchart



**Pseudocode:**

```
1. FUNCTION calc_day_of_week(total_days)
2.     day_of_week = total_days % 7
3.     name_of_day = ""
4.
5.     IF day_of_week == 1
6.         name_of_day = Monday
7.     ELSE IF day_of_week == 2
8.         name_of_day = Tuesday
9.     ELSE IF day_of_week == 3
10.        name_of_day = Wednesday
11.    ELSE IF day_of_week == 4
12.        name_of_day = Thursday
13.    ELSE IF day_of_week == 5
14.        name_of_day = Friday
15.    ELSE IF day_of_week == 6
16.        name_of_day = Saturday
17.    ELSE IF day_of_week == 7
18.        name_of_day = Sunday
19.    ELSE
20.        name_of_day = Error: Invalid day number.
21.
22.    RETURN name_of_day
23.
24. FUNCTION END
```