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Apr. 30, 2022

Lab02 Calendar Program Design: Pseudocode

```
FUNCTION get_day_of_week(month, year)

    SET year_diff = year - 1753

    IF year_diff > 0:

        SET leap_years = 0

        FOR i IN range(year_diff):

            IF is_leap_year(1753_i)

                leap_years ++

    normal_years = year_diff - leap_years

    years_to_days = normal_years*365 + leap_years*366

    IF month > 1:

        SET months_to_days = 0

        FOR i IN range(month):

            months_to_days += get_days_of_month(i)

    day_of_week = (years_to_days + months_to_days) % 7

    return day_of_week
```