**Module 1 C\_Exer1a** Given that 1 Jan 2021 is a Friday, write a program that asks for a user input of the month number (1-12 for Jan-Dec, respectively) and prints the week day of 1st day of the corresponding month. You may assume the no. of days in each month e.g.: "Thirty days hath September, April, June and November. All the rest have thirty-one, Except February, which has only twenty-eight, in one year in four, add one day more."

**Hint:**

You may include the following code snippet:

int daysOfMonth(int mm){

switch(mm){

case 9:

case 4:

case 6:

case 11:

return(30);

case 2:

return(28);

default:

return(31);

}

}

**Example:**

Enter a month number (1-12): 5

1 May 2021 is Saturday

**Module 1 C\_Exer1b** Given that 1 Jan 2021 is a Friday, write a program that asks for a user input of the month number and prints the year 2021 calendar for the corresponding month.

**Example:**

Enter a month number (1-12): 2

Calendar for February 2021

SUN MON TUE WED THU FRI SAT

1 2 3 4 5 6

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 17

28