**PRINT THE TOTAL NUMBER OF DAYS IN EVERY MONTH OF THE YEAR.**

**DO LEAP YEAR CHECKING ON FEB**

#include<stdio.h>

#include<math.h>

int main()

{

int month,year;

printf("Enter month 1to12:");

scanf("%d",&month);

switch(month)

{

case 1: printf("\nJanuary");

printf("\n 31 days");

break;

case 2: printf("\nFebruary");

printf("enter year");

scanf("%d",&year);

if(year%4==0)

{

printf("leap year");

printf("29 days in this month");

}

else

{

printf("not a leapyear");

printf("\n 28 days in this month");

}

break;

case 3: printf("\n march");

printf("\n 31 days");

break;

case 4: printf("\n April");

printf("\n 30 days");

break;

case 5: printf("\nmay");

printf("\n 31 days");

break;

case 6: printf("\n June ");

printf("\n 30 days");

break;

case 7: printf("\n July");

printf("\n 31 days");

break;

case 8: printf("\n August");

printf("\n 31 days");

break;

case 9: printf("\n September");

printf("\n 30 days");

break;

case 10:printf("\n october");

printf("\n 31 days");

break;

case 11:printf("\n November ");

printf("\n 30 days");

break;

case 12:printf("\n December");

printf("\n 31 days");

break;

default: printf("enter a valid number");

}

return 0;

}

OUTPUT:

Enter month 1to12:2

Februaryenter year2022

not a leapyear

28 days in this month