## CALENDAR IN C (USER INPUT)

### <u>Code:</u>

## ANY YEAR CALENDAR

```
#include <stdio.h>
#include <stdlib.h>
int get1stweekday (int year)
{
 int d;
 d=(((year-1)*365)+((year-1)/4)-((year-1)/100)+((year)/400)+1)\%7;
 return d;
}
int
main ()
 int year, month, day, daysInMonth, weekDay = 0, startingDay;
 printf ("\nEnter your desired year:");
 scanf ("%d", &year);
 char *months[] ={ "JANUARY", "FEBRUARY", "MARCH", "APRIL", "MAY", "JUNE", "JULY",
"AUGUST", "SEPTEMBER", "OCTOBER", "NOVEMBER", "DECEMBER" };
 int monthDay[] = {31, 28, 31, 30, 31, 30, 31, 30, 31, 30, 31};
 if ((year\%4==0\&\&year\%100!=0)||year\%400==0)
  monthDay[1] = 29;
 startingDay=get1stweekday(year);
 for (month=0;month<12;month++)
  {
   daysInMonth=monthDay[month];
```

#### OUTPUT:

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```
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#-#-#-#-#-#-# AUGUST #-#-#-#-#-#-
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#-#-#-#-#-#-# SEPTEMBER #-#-#-#-#-#-
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                                             .. Program finished with exit code 0
26
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```

# **PROJECT BY:**

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