REC-CIS

GE23131-Programming Using C-2024

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Status Finished
Started Monday, 23 December 2024, 5:33 PM
Completed Wednesday, 30 October 2024, 5:56 PM
Duration 53 days 23 hours

Question **1**Correct
Marked out of 3.00

P Flag questio

Some data sets specify dates using the year and day of year rather than the year, month, and sequential day number starting with day 1 on January 1st.

There are two calendars - one for normal years with 365 days, and one for leap years with 366 like 1900, are not leap years unless they are divisible by 400. So, 2000 was a leap year.

To find the day of year number for a standard date, scan down the Jan column to find the day month column and read the day of year number. Reverse the process to find the standard da

Write a program to print the Day of Year of a given date, month and year.

Sample Input 1

18 6

2020

Sample Output 1

170

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int day,month, year;
    scanf("%d %d %d", &day, &month, &year);
    int a[12] = {31,59,90,120,151,181,212,243,273,304,334,365};
    int ans = a[month-2]+day;
    if(year%4==0)
    ans+=1;

printf("%d",ans);
}
```

REC-CIS Passed all tests! Question **2** Suppandi is trying to take part in the local village math quiz. In the first round, he is asked ab was never any good at math. And also, he is bad at remembering the names of shapes. Instead Marked out of shapes. When he says rectangle he is actually referring to a square. When he says square, he is actually referring to a triangle. When he says triangle he is referring to a rectangle And when he is confused, he just says something random. At this point, all you can do Help Suppandi by printing the correct answer in an integer. Input Format Name of shape (always in upper case R à Rectangle, S à Square, T à Triangle) Length of 1 side Length of other side Note: In case of triangle, you can consider the sides as height and length of base **Output Format** Print the area of the shape. Sample Input 1 20 Sample Output 1 200 Sample Input 2 30 40 Sample Output 2 600 Sample Input 3

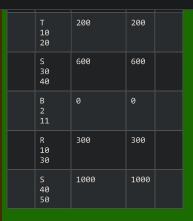
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```
Sample Output 3
100
Sample Input 4
Sample Output 4
Sample Input
Sample Output 4
Explanation:
      First is output of area of rectangle
      Then, output of area of triangle
      Then output of area square
      Finally, something random, so we print 0
Answer: (penalty regime: 0 %)
        #include<stdio.h>
        int main()
             int rectangle, square, triangle;
             int a,b;
             scanf("%c %d %d", &ch ,&a ,&b);
             rectangle = a*b;
             square = 0.05*a*b;
             triangle = a*b*0.1;
if( ch == 'T')
printf("%d", triangle);
             if( ch == 'S')
printf("%d", square);
if( ch == 'R')
```

printf("%d", rectangle);

printf("0");

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Passed all tests!

Question 3

Correct

Marked out of 7.00

Superman is planning a journey to his home planet. It is very important for him to know whic day week like us. Instead, they follow a 10-day week with the following days: Day Number Na Wednesday 5 Thursday 6 Friday 7 Saturday 8 Kryptonday 9 Coluday 10 Daxamday Here are the with Sunday always. • It has only 296 days. After the 296th day, it goes back to Sunday. You be after n. You have to tell on which day you will arrive when you reach there.

Input format: •

Contain a number n (0 < n)

Output format: Print the name of the day you are arriving on

Example Input

7

Example Output

Kryptonday

Example Input

1

Example Output Monday

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
    int day;
    scanf("%d", &day);
    day = day \% 296;
    if(day%10==0)
    printf("Sunday");
    if(day%10==1)
    printf("Monday");
    if(day%10==2)
    printf("Tuesday");
    if(day%10==3)
    printf("Wednesday");
    if(day%10==4)
    printf("Thursday");
if(day%10==5)
    printf("Friday");
    if(day%10==6)
    printf("Saturday");
if(day%10==7)
    printf("Kryptonday");
    if(day%10==8)
    printf("Coluday");
    if(day%10==9)
    printf("Daxamday");
```

