GE23131-Programming Using C-2024

Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
Completed	Tuesday, 5 November 2024, 9:06 AM
Duration	48 days 8 hours

Question 1
Correct
Marked out of 3.00
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Some data sets specify dates using the year and day of year rather than the year, month, and year (DOY) is the 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 divisible by 4. Centuries, like 1900, are not leap years unless they are divisible by 400. So, 200

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

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 %)

	Input	Expected	Got	
	18 6 2020	170	170	

Passed all tests!

Question 2
Correct

you will be helping him calculate the area 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

T
10
20

Sample Output 1

200

Sample Input 2

S
30
40

Sample Output 2

600

Sample Input 3

R
10
10

Sample Output 3

100

Sample Input 4

G

Sample Output 4

0

Sample Input

C
9
10

Sample Output 4

0

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 %)

	Input	Expected	Got	
	T 10 20	200	200	
	S 30 40	600	600	
	B 2 11	0	0	
	R 10 30	300	300	
	S 40 50	1000	1000	

Passed all tests!

Question **3**
Correct

Superman is planning a journey to his home planet. It is very important for him to know whic
don't follow the 7-day week like us. Instead, they follow a 10-day week with the following day
Day 1 Sunday 2 Monday 3 Tuesday 4 Wednesday 5 Thursday 6 Friday 7 Saturday 8 Kryptonda

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 %)

	Input	Expected	Got	
	7	Kryptonday	Kryptonday	
	1	Monday	Monday	

Passed all tests!

Save the state of the flags