

Week 3-03

0
2020

Sample Output 1

170

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int day,mon,yr,is_leap;
5     scanf("%d %d %d",&day,&mon,&yr);
6     if(((yr%4==0)&&(yr%100!=0))|| (yr%400==0))
7         is_leap=1;
8     {
9         if(mon>1)
10             day+=31;
11         if(mon>2)
12             day+=is_leap?29:28;
13         if(mon>3)
14             day+=31;
15         if(mon>4)
16             day+=30;
17         if(mon>5)
18             day+=31;
19         if(mon>6)
20             day+=30;
21         if(mon>7)
22             day+=31;
23         if(mon>8)
24             day+=31;
25         if(mon>9)
26             day+=30;
27         if(mon>10)
28             day+=31;
29         if(mon>11)
30             day+=30;
31     }
32     printf("%d",day);
33 }
```

	Input	Expected	Got	
✓	18 6 2020	170	170	✓

Passed all tests! ✓

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 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     char shape;
5     int side1,side2;
6     scanf("%c",&shape);
7     scanf("%d %d",&side1,&side2);
8     if(shape=='R')
9     {
10         printf("%d\n",(side1*side2));
11     }
12     else if(shape=='S')
13     {
14         printf("%d\n",(side1*side2)/2);
15     }
16     else if(shape=='I')
17     {
18         printf("%d\n",side1*side2);
19     }
20     else
21     {
22         printf("0\n");
23     }
24 }
```

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

Passed all tests! ✓

Superman is planning a journey to his home planet. It is very important for him to know which day he arrives there. They don't follow the 7-day week like us. Instead, they follow a 10-day week with the following days: Day Number Name of Day 1 Sunday 2 Monday 3 Tuesday 4 Wednesday 5 Thursday 6 Friday 7 Saturday 8 Kryptonday 9 Coluday 10 Daxamday Here are the rules of the calendar: • The calendar starts with Sunday always. • It has only 296 days. After the 296th day, it goes back to Sunday. You begin your journey on a Sunday and will reach 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 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     scanf("%d",&n);
6     n=n%296;
7     int day=(n%10);
8     switch(day)
9     {
10         case 0:
11             printf("Sunday\n");
12             break;
13         case 1:
14             printf("Monday\n");
15             break;
16         case 2:
17             printf("Tuesday\n");
18             break;
19         case 3:
20             printf("Wednesday\n");
21             break;
22         case 4:
23             printf("Thursday\n");
24             break;
25         case 5:
26             printf("Friday\n");
27             break;
28         case 6:
29             printf("Saturday\n");
30             break;
31         case 7:
32             printf("Kryptonday\n");
33             break;
34         case 8:
35             printf("Coluday\n");
36             break;
37         case 9:
38             printf("Daxamday\n");
39             break;
40     }
41     return 0;
42 }
43 }
```

	Input	Expected	Got	
✓	7	Kryptonday	Kryptonday	✓
✓	1	Monday	Monday	✓

Passed all tests! ✓