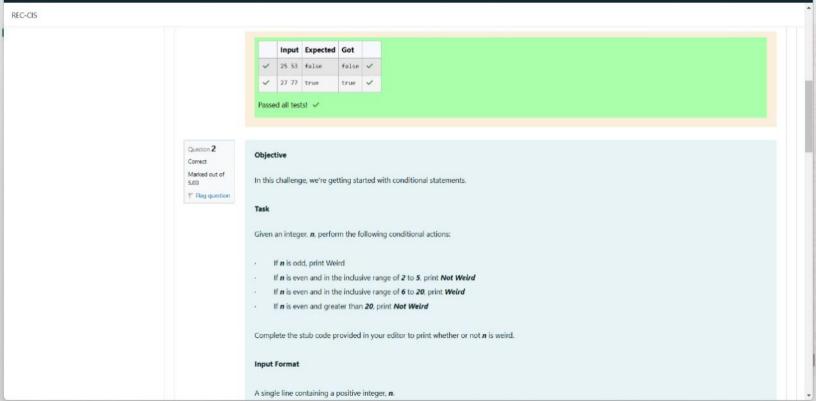
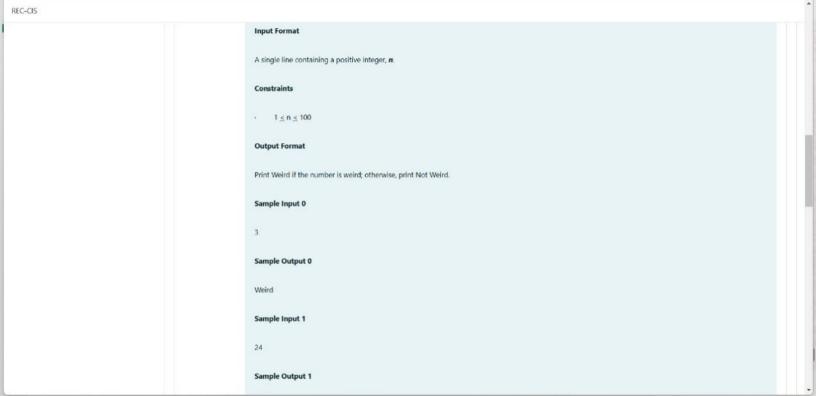
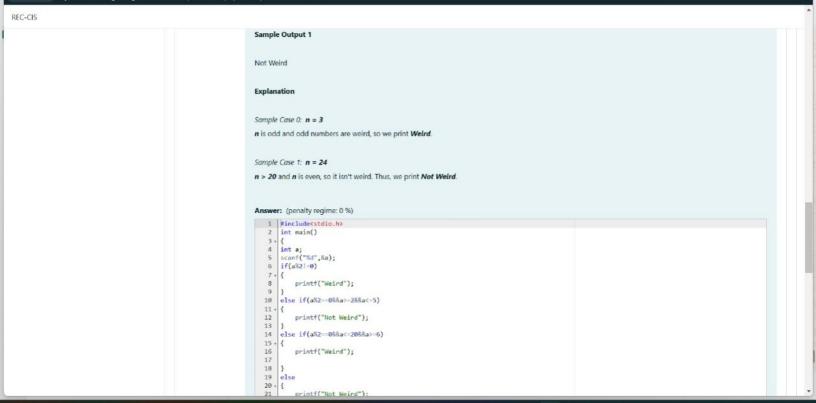
## GE23131-Programming Using C-2024



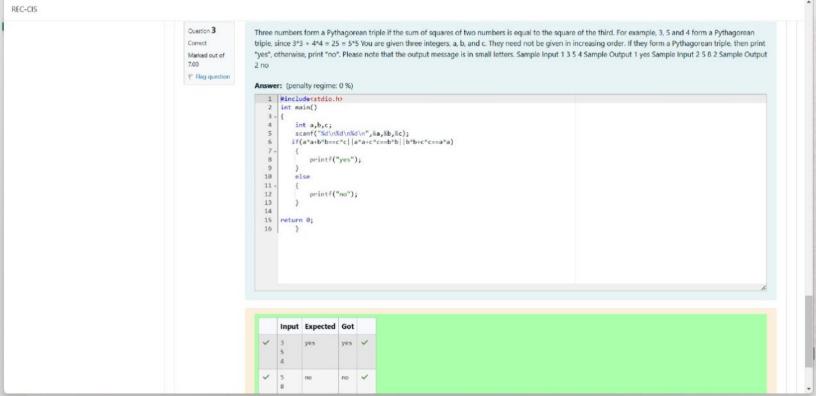








REC-CIS Answer: (penalty regime: 0 %) #include<stdio.h> int main() int a; 5 scanf("%d",&a); 6 if(a%2!=0) printf("Weird"); else if(a%2==08&a>=28&a<=5) 11 - { printf("Not Weird"); 12 13 14 else if(a%2==08&a<=20&&a>=6) 15 + { 16 printf("Weird"); 17 18 19 else 20 - { printf("Not Weird"); 21 22 } 23 return 0; 24 25 } Input Expected Got Weird Not Weird Not Weird V Passed all tests! <



## GE23131-Programming Using C-2024







P Flag question

Sample Output 1

Sample Input 2

Triangle

Sample Input 1

Sample Output 2

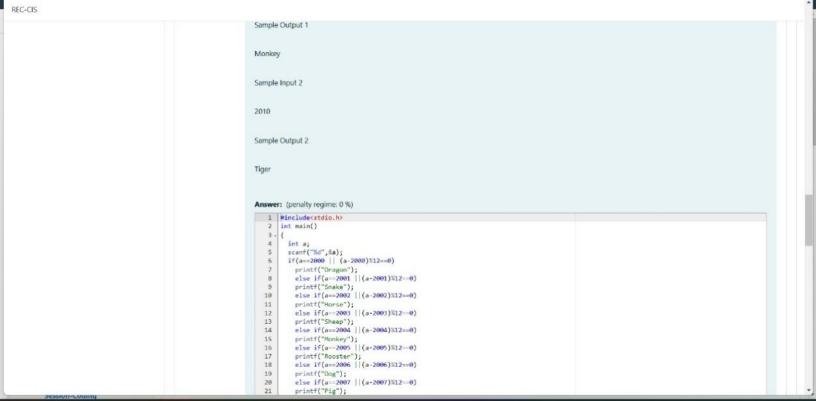
▲ Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=71982&cmid=74 REC-CIS Sample Input 2 Sample Output 2 Heptagon Sample Input 3 11 Sample Output 3 The number of sides is not supported. Answer: (penalty regime: 0 %) 1 #include(stdio.h> int main() int a; scanf("%d",&a); switch(a) 8 case 3: printf("Triangle"); 10 break; 11 12 case 4: printf("Quadrilateral"); 13 Session-County ra = ra = a = a0 m SENSEX ENG CALE 13:14 0.5

NEC-CI3	
1	#include(stdio.h>
	int main()
3+	
4	int a;
5	scanf("%d",&a);
6	switch(a)
7.	
8	case 3:
9	printf("Triangle");
10	break;
11	
12	case 4:
13	<pre>printf("Quadrilateral");</pre>
14	break;
15	
16	case 5:
17	printf("Pentagon");
18	break;
19	
20	case 6:
21	printf("Hexagon");
22	break;
23	
24	case 7:
	printf("Heptagon");
	break;
	prant (Octagon );
	week,
	500 91
	case 18:
	break:
	default:
42	Y .
42	return 0:
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	case 7: printf("Heptagon"); break;  case 8: printf("Octagon"); break;  case 9: printf("Monagon"); break;  case 10: printf("Decagon"); break;  default: printf("The number of sides is not supported."); } return 0:



	Input	Expected	Got	
/	3	Triangle	Triangle	~
1	7	Heptagon	Heptagon	~
/	11	The number of sides is not supported.	The number of sides is not supported.	V

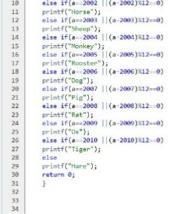
REC-CIS	
Question 2 Correct Marked out of 5.00	The Chinese zodiac assigns animals to years in a 12-year cycle. One 12-year cycle is shown in the table below. The pattern repeats from there, with 2012 being another year of the Dragon, and 1999 being another year of the Hare.
₹ Flag question	Year Animal
	2000 Dragon 2001 Snake
	2002 Horse
	2003 Sheep
	2004 Monkey
	2005 Rooster
	2006 Dog 2007 Pig
	2008 Rat
	2009 Ox
	2010 Tiger
	2011 Hare
	Write a program that reads a year from the user and displays the animal associated with that year. Your program should work correctly for any year greater than or equal to zero, not just the ones listed in the table.
	Sample Input 1
	2004
Session-County	,



LICC-CID

```
Answer: (penalty regime: 0 %)
   1 |#include(stdio.h>
      int main()
        int a;
        scanf("%d", &a):
        if(a=2000 || (a-2000)%12=0)
          printf("Dragon");
          else if(a=2001 | (a-2001)%12=0)
          printf("Snake");
  10
          else if(a==2002 ||(a-2002)%12==0)
  11
          printf("Horse");
          else if(a==2003 | (a-2003)%12==0)
  12
  13
          printf("Sheep");
  14
          else if(a=2004 ||(a-2004)%12=0)
  15
          printf("Monkey");
  16
          else if(a=2005 | (a-2005)%12=0)
  17
          printf("Rooster");
  18
          else if(a==2006 | (a-2006)%12==0)
  19
          printf("Dog");
          else if(a==2007 || (a-2007)%12==0)
  20
  21
          printf("Pig");
  22
          else if(a=2008 ||(a-2008)%12=0)
  23
          printf("Rat");
  24
          else if(a=2009 | (a-2009)%12=0)
  25
          printf("0x");
          else if(a==2010 ||(a-2010)%12==0)
  25
  27
          printf("Tiger");
  28
          else
  29
          printf("Hare");
   30
          return 0;
  31
  32
  33
  34
```

REC-CIS printf("Dragon"); 8 else if(a==2001 | (a-2001)%12==0) printf("Snake"); 10 else if(a==2002 | (a-2002)%12==0) printf("Horse"); 11 12 else if(a==2003 | (a-2003)%12==0) 13 printf("Sheep"); 14 else if(a==2004 | (a-2004)%12==0) 15 printf("Monkey"); 16 else if(a==2005 ||(a-2005)%12==0) 17 printf("Rooster"); 18 else if(a=2006 | (a-2006)%12=0) 19 printf("Dog"); 20 else if(a==2007 | (a-2007)%12==0) 21 printf("Pig"); 22 else if(a==2008 ||(a-2008)%12==0)



	Input	Expected	Got	
~	2004	Monkey	Monkey	,
~	2010	Tiger	Tiger	,

---

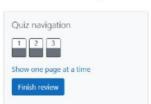
. . . . . . . . .

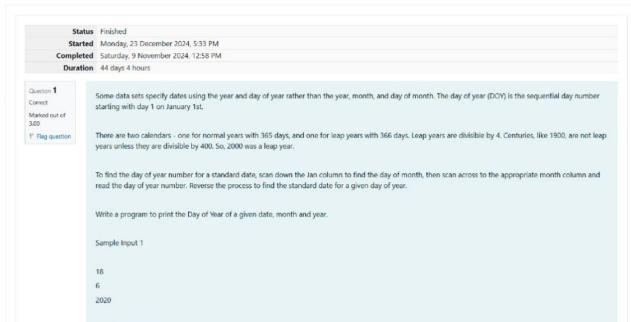
<pre>letter; num; ("%E%d", &amp;letter, #); d=letter-'a'+1; d=num)%2=0) printf("The square is black.");</pre>					
num; f("%c%d",&letter,#); f=letter-'a'+1; f+num)%2==0)					
num; f("%c%d",&letter,#); f=letter-'a'+1; f+num)%2==0)					
f("%c%d",&letter,#); =letter-'a'+1; H+num)%2==0)					
d=letter-'a'+1; d+num)%2==0)					
J+num)%2==0)					
mintf("The square is black.");					
wrintf("The square is black.");					
printf("The square is white.");					
n 0;					
	,	,	,		

	Input	Expected	Got	
~	a 1	The square is black.	The square is black.	~
~	d 5	The square is white.	The square is white.	~

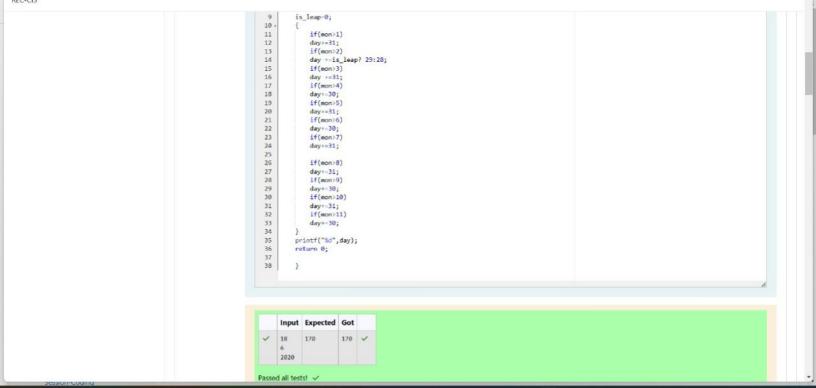
## GE23131-Programming Using C-2024

Sample Output 1





2020 Sample Output 1 170 Answer: (penalty regime: 0 %) 1 |#include<stdio.h> int main() int day, mon, yr, is\_leap; scanf("%d%d%d",&day,&mon,&yr); if(((yr%4=0)&&(yr%100!=0)) || (yr%400 ==0)) is\_leap=1; else is leap=0; 10 . if(mon>1) 11 12 day+=31; if(mon>2) 13 14 day +=is\_leap? 29:28; 15 if(mon>3) day +=31; 16 17 if(mon>4) day+=30; 18 if(mon>5) 19 20 day+=31; 21 if(mon>6) 22 day+=30; 23 if(mon>7) 24 day+=31; 25 if(mon>8) 26 27 day+=31; 28 if(mon>9) 29 day+=30:



REC-CIS	c-as				
Correct Marked out of S.00	Suppandi is trying to take part in the local village math quiz. In the first round, he is asked about shapes and areas. Suppandi, is confused, he was never any good at math. And also, he is bad at remembering the names of shapes. Instead, you will be helping him calculate the area of shapes.				
₹ Flag question	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 is say 0.				
	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				
	Ť				
	10				

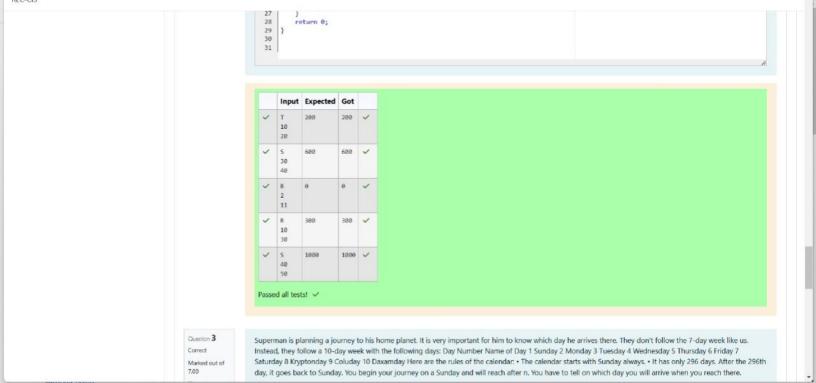
pession-coding

REC-CIS	^
	Sample Input 1
	т
	10
	20
	Sample Output 1
	200
	Sample Input 2
	S
	30 40
	Sample Output 2
	600
	Sample Input 3
	R
	12

REC-CIS	
	Sample Input 3
	R 10 10
	Sample Output 3
	100
	Sample Input 4
	G 8 8
	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 %)
      #include(stdio.h>
       int main()
           char shape;
           int a,b,area;
           scanf("%c",&shape);
           scanf("%d%d", &a, &b);
           if(shape== 'R')
   9 .
   10
               area=a*b;
   11
               printf("%d", area);
   12
   13
           else if(shape== '5')
  14
  15
               area=0.5*a*b;
  16
               printf("%d", area);
   17
   18
           else if(shape== 'T')
  19 -
   20
               area-a+b;
   21
            printf("%d", area);
   22
```

14.5			
	1	#include(stdio.h>	
		int main()	
	3+		
	4	char shape;	
	5	int a,b,area;	
	6	scanf("%c" &shape);	
	7	scan'( "Midd", 8a, 8b);	
	8	SCATT( MADA , OA , OD); if(shape== 'R')	
	9 -	IT(Snape== K)	
	10	area≔ib;	
	11	printf("%d",area);	
	12	1	
	13	else if(shape== 'S')	
	14 +		
	15	area=0.5*a*b;	
	16	printf("%d",area);	
	17	F	
	18	else if(shape== 'T')	
	19 +		
	20	area=a*b;	
	21	printf("%d",area);	
	22	}	
	23	else	
	24 +		
	25	area=0;	
	26	printf("%d", area);	
	27	}	
	28 29	return 0;	
	29	P Contraction	
	30		
	31		
	100000		
		é	
	1	Input Expected Got	
		input expected Got	
	1	T 200 200 ✓	
		18	
	3	28	
	v :	S 600 600 V	-
36380T-County	*  -	2 000 00 000 000 000 000 000 000 000 00	



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 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.
₹ Flag question	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>
	<pre>2 int main() 3 - {     int n;     scanf("Md",8n);     int dayindex=(n\296)\X10; 7 switch(dayindex) 8 - {     case 0:     printf("Sunday\n");     break; 12 13 case 1:     printf("Monday\n");     break; 16 17 case 2:</pre>

REC-CIS	
1	#include(stdio.h)
- 2	int main()
3+	(
4	int n;
5	scanf("%d",&n);
6	int dayindex=(n%296)%10;
7	switch(dayindex)
8 +	
9	case 0:
10	printf("Sunday\n");
11	break;
12	
13	case 1:
14	printf("Monday\n");
15	break;
16	
17	case 2:
18	printf("Tuesday\n");
19	break;
20	
21	case 3:
22	printf("Wednesday\n");
23	break;
24	
25	case 4:
26	printf("Thursday\n");
27	break;
28	
29	case 5:
30	printf("Friday\n");
31	break;
32	
33	case 6:
34	printf("Saturday\n");
35	break;
36 37	case 7:
38	printf("Kryptonday");
39 40	break;
49 41	case 8:
41 42	<pre>case 8: printf("Coliday\n");</pre>
43	break;

