

sudhanshu r 240801340 week 3

Week 03: 03 Practice Session Coding: Attempt review | REC-CIS - Google Chrome

Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=12062013&mid=75

REC-CIS

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
2 int main()
3 {
4     int d,m,y,feb;
5     scanf("%d %d %d", &d,&m,&y);
6     if((y%100 == 0 && y%400==0) || y%4==0)
7     {
8         feb=29;
9     }
10    else{
11        feb=28;
12    }
13    switch(m)
14    {
15
16
17        case 1:
18            printf("%d", d);
19            break;
20        case 2:
21            printf("%d", 31+d);
22            break;
23        case 3:
24            printf("%d", 31+feb+d);
25            break;
26        case 4:
27            printf("%d", 31+feb+31+d);
28            break;
29        case 5:
30            printf("%d", 31+feb+31+30+d);
31            break;
32        case 6:
33            printf("%d", 31+feb+31+30+31+d);
34            break;
35        case 7:
36            printf("%d", 31+feb+31+30+31+30+d);
```

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REC-CIS

Answer: (penalty regime: 0 %)

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

REC-CIS

Flag question

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
2 int main()
3 {
4     int x,y;
5     scanf("%d %d",&x,&y);
6     if(x%10==y%10) {
7         printf("true"); }
8     else {
9         printf("false");
10    }
11 }
12
```

	Input	Expected	Got	
✓	25 53	false	false	✓
✓	27 77	true	true	✓

Passed all tests! ✓

REC-CIS

Answer: (penalty regime: 0 %)

```

1 #include <stdio.h>
2 int main()
3 {
4     int a,b;
5     char c;
6     scanf("%c %d %d",&c, &a, &b);
7     switch (c)
8     {
9         case 'R':
10            printf("%d", a*b);
11            break;
12         case 'S':
13            printf("%f", (0.5)*a*b);
14            break;
15         case 'T':
16            printf("%d", a*b);
17            break;
18         default:
19
20            printf("0");
21     }
22 }

```

	Input	Expected	Got	
✓	T 10 20	200	200	✓
✓	S 30 40	600	600.000000	✓

REC-CIS

```
18     default:
19
20     printf("0");
21 }
22 }
```

	Input	Expected	Got	
✓	T 10 20	200	200	✓
✓	S 30 40	600	600.000000	✓
✓	B 2 11	0	0	✓
✓	R 10 30	300	300	✓
✓	S 40 50	1000	1000.000000	✓

Passed all tests! ✓

Question 3

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-

REC-CIS

```
30     case 6:
31         printf("Friday");
32         break;
33     case 7:
34         printf("Saturday");
35         break;
36     case 8:
37         printf("Kryptonday");
38         break;
39     case 9:
40         printf("Olunday");
41         break;
42         printf("Daxamday");
43         break;
44
45     }
46 }
```

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

Passed all tests! ✓

Finish review

REC-CIS

```
24
25 • else if(n==9){
26     printf("Nonagon");
27 }
28 • else if(n==10){
29     printf("Decagon");
30 }
31 • else{
32     printf("The number of sides is not supported.");
33 }
34     return 0;
35 }
```

	Input	Expected	Got	
✓	3	Triangle	Triangle	✓
✓	7	Heptagon	Heptagon	✓
✓	11	The number of sides is not supported.	The number of sides is not supported.	✓

Passed all tests! ✓

Question 2

Incorrect

Marked out of
5.00

Flag question

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.

Year	Animal
------	--------

REC-CIS

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
2 int main()
3 {
4     int n;
5     scanf("%d", &n);
6     if(n==3){
7         printf("Triangle");
8     }
9     else if(n==4){
10        printf("Square");
11    }
12    else if(n==5){
13        printf("Pentagon");
14    }
15    else if(n==6){
16        printf("Hexagon");
17    }
18    else if(n==7){
19        printf("Heptagon");
20    }
21    else if(n==8){
22        printf("Octagon");
23    }
24
25    else if(n==9){
26        printf("Nonagon");
27    }
28    else if(n==10){
29        printf("Decagon");
30    }
31    else{
32        printf("The number of sides is not supported.");
33    }
34    return 0;
35 }
```


REC-CIS

```
30 printf("%d", 31+feb+31+30+d);
31 break;
32 case 6:
33 printf("%d", 31+feb+31+30+31+d);
34 break;
35 case 7:
36 printf("%d", 31+feb+31+30+31+30+d);
37 break;
38 case 8:
39 printf("%d", 31+feb+31+30+31+30+31+d);
40 break;
41 case 9:
42 printf("%d", 31+feb+31+30+31+30+31+31+d);
43 break;
44 case 10:
45 printf("%d", 31+feb+31+30+31+30+31+31+30+d);
46 break;
47 case 11:
48 printf("%d", 31+feb+31+30+31+30+31+31+30+31+d);
49 break;
50 case 12:
51 printf("%d", 31+feb+31+30+31+30+31+31+30+31+30+d);
52 break;
53 }
54 }
```

	Input	Expected	Got	
✓	18 6 2020	170	170	✓

Passed all tests! ✓

REC-CIS

Answer: (penalty regime: 0 %)

```

1 #include <stdio.h>
2 int main()
3 {
4     int n;
5     scanf("%d",&n);
6     if(n%2==0) {
7         if(n>2 && n<=5) {
8             printf("Not Weird");
9         }
10    else if(n>6 && n<=20) {
11        printf("Weird");
12    }
13 }
14
15 else if(n>20) {
16     printf("Not Weird");
17 }
18 }
19 else
20     printf("Weird");
21 }
    
```

	Input	Expected	Got	
✓	3	Weird	Weird	✓
✓	24	Not Weird	Not Weird	✓

Passed all tests! ✓

REC-CIS

Answer: (penalty regime: 0 %)

```

1  #include <stdio.h>
2  int main()
3  {
4      int n;
5      scanf("%d",&n);
6      if(n%2==0) {
7          if(n>2 && n<=5) {
8              printf("Not Weird");
9          }
10         else if(n>6 && n<=20) {
11             printf("Weird");
12         }
13     }
14     else if(n>20) {
15         printf("Not Weird");
16     }
17     else
18         printf("Weird");
19 }

```

	Input	Expected	Got	
✓	3	Weird	Weird	✓
✓	24	Not Weird	Not Weird	✓

Passed all tests! ✓

REC-CIS

```
1 #include <stdio.h>
2 int main () {
3     int a,b,c;
4     scanf("%d %d %d", &a, &b, &c);
5     if(a*a+b*b==c*c) {
6         printf("yes"); }
7     else if(a*a+c*c==b*b) {
8         printf("yes"); }
9     else if(b*b+c*c==a*a) {
10        printf("yes"); }
11    else {
12        printf("no"); }
13    return 0;
14 }
```

	Input	Expected	Got	
✓	3 5 4	yes	yes	✓
✓	5 8 2	no	no	✓

Passed all tests! ✓

REC-CIS

```
1 #include <stdio.h>
2 int main () {
3     int a,b,c;
4     scanf("%d %d %d", &a, &b, &c);
5     if(a*a+b*b==c*c) {
6         printf("yes"); }
7     else if(a*a+c*c==b*b) {
8         printf("yes"); }
9     else if(b*b+c*c==a*a) {
10        printf("yes"); }
11    else {
12        printf("no"); }
13    return 0;
14 }
```

	Input	Expected	Got	
✓	3 5 4	yes	yes	✓
✓	5 8 2	no	no	✓

Passed all tests! ✓