

REC-CIS

Flag question

Answer: (pending review: 0 %)

```

1 #include<stdio.h>
2 int main()
3 {
4     int a,b,d,e;
5     scanf("%d%d",&a,&b);
6     d=a%10;
7     e=b%10;
8     if(d==e)
9     {
10         printf("true");
11     }
12     else
13     {
14         printf("false");
15     }
16     return 0;
17 }
    
```

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

Passed all tests! ✓



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

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

Passed all tests! ✓



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not be given in increasing order. If they form a Pythagorean triple, then print "yes", otherwise, print "no". Please note that the output message is in small letters. Sample Input 1 3 5 4 Sample Output 1 yes Sample Input 2 5 8 2 Sample Output 2 no

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,c,d,e,temp;
5     scanf("%d%d%d",&a,&b,&c);
6     if(a>c)
7     {
8         temp=a;
9         a=c;
10        c=temp;
11    }
12    if(b>c)
13    {
14        temp=b;
15        b=c;
16        c=temp;
17    }
18    d=a*a+b*b;
19    e=c*c;
20    if(d==e)
21    {
22        printf("yes");
23    }
24    else
25    {
26        printf("no");
27    }
28
29    return 0;
30 }
```



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```
20     if(d==e)
21     {
22         printf("yes");
23     }
24     else
25     {
26         printf("no");
27     }
28
29     return 0;
30 }
```

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

Passed all tests! ✓

[Finish review](#)

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



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```
31     default:
32         printf("The number of sides is not supported.");
33
34     }
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

Correct

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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
2000	Dragon
2001	Snake



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Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n,x;
5     scanf("%d",&n);
6     x=n%12;
7     switch(x)
8     {
9         case 8:
10            printf("Dragon");
11            break;
12         case 9:
13            printf("Snake");
14            break;
15         case 10:
16            printf("Horse");
17            break;
18         case 11:
19            printf("Sheep");
20            break;
21         case 0:
22            printf("Monkey");
23            break;
24         case 1:
25            printf("Rooster");
26            break;
27         case 2:
28            printf("Dog");
29            break;
30         case 3:
31            printf("Pig");
32            break;
33         case 4:
34            printf("Rat");
```



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```
30     case 3:
31         printf("Pig");
32         break;
33     case 4:
34         printf("Rat");
35         break;
36     case 5:
37         printf("Ox");
38         break;
39     case 6:
40         printf("Tiger");
41         break;
42     case 7:
43         printf("Hare");
44         break;
45
46     }
47 }
```

	Input	Expected	Got	
✓	2004	Monkey	Monkey	✓
✓	2010	Tiger	Tiger	✓

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```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     char ch;
6     scanf("%c%d",&ch,&n);
7     if((n%2!=0 && ch%2!=0)|| (n%2==0 && ch%2==0))
8     printf("The square is black.");
9     else if((n%2!=0 && ch %2==0)|| (n%2==0 && ch%2==0))
10    printf("The square is white.");
11    return 0;
12 }
```

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

Passed all tests! ✓



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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) || (y%4==0))
7         feb=29;
8     else
9         feb=28;
10    switch(m)
11    {
12        case 1:
13            printf("%d",d);
14            break;
15        case 2:
16            printf("%d",31+d);
17            break;
18        case 3:
19            printf("%d",31+feb+d);
20            break;
21        case 4:
22            printf("%d",31+feb+31+d);
23            break;
24        case 5:
25            printf("%d",31+feb+31+30+d);
26            break;
27        case 6:
28            printf("%d",31+feb+31+30+31+d);
29            break;
30        case 7:
31            printf("%d",31+feb+31+30+31+30+d);
32            break;
```



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```
28     printf("%d",31+feb+31+30+31+d);
29     break;
30     case 7:
31     printf("%d",31+feb+31+30+31+30+d);
32     break;
33     case 8:
34     printf("%d",31+feb+31+30+31+30+31+d);
35     break;
36     case 9:
37     printf("%d",31+feb+31+30+31+30+31+31+d);
38     break;
39     case 10:
40     printf("%d",31+feb+31+30+31+30+31+31+30+d);
41     break;
42     case 11:
43     printf("%d",31+feb+31+30+31+30+31+31+30+31+d);
44     break;
45     case 12:
46     printf("%d",31+feb+31+30+31+30+31+31+30+31+30+d);
47     break;
48
49 }
50 return 0;
51 }
```

	Input	Expected	Got	
✓	18	170	170	✓
	6			
	2020			



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Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     char shape;
5     int side1,side2;
6     scanf("%c%d%d",&shape,&side1,&side2);
7     int area;
8     switch(shape)
9     {
10         case 'R':
11             area=side1*side2;
12             break;
13         case 'S':
14             area=(side1*side2)/2;
15             break;
16         case 'T':
17             area=side1*side2;
18             break;
19         default:
20             area=0;
21     }
22     printf("%d\n",area);
23     return 0;
24 }
```

	Input	Expected	Got	
✓	T 10	200	200	✓



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```
18     break;
19     default:
20         area=0;
21     }
22     printf("%d\n",area);
23     return 0;
24 }
```

	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	✓

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```
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;
```



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```
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");
38     break;
39     case 9:
40     printf("Coluday");
41     break;
42     case 10:
43     printf("Daxamday");
44     break;
45 }
46 return 0;
47
48 }
```

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



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