Week 3-02

Sample Output 3

The number of sides is not supported.

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main ()
{
    int a;
    scanf("%d",&a);
    switch(a)
    {
        case 3:
        printf("Triangle");
        break;
        case 4:
        printf("Square");
        break;
        case 5:
        printf("Pentagon");
        break;
        case 6:
        printf("Hexagon");
        break;
        case 7:
        printf("Heptagon");
        break;
        case 8:
        printf ("Octagon");
        break;
        case 9:
        printf("Nonagon");
        break;
        case 10:
        printf("Decagon");
        break;
        default:
        printf("The number of sides is not supported.");
    }
    return 0;
}
```

	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! ✓

```
3  ▾  {
4         int n;
5         scanf("%d",&n);
6         if(n%12==8)
7  ▾     {
8             printf("Dragon");
9         }
10        else if(n%12==9)
11 ▾     {
12            printf("Snake");
13        }
14        else if(n%12==10)
15 ▾     {
16            printf("Horse");
17        }
18        else if (n%12==11)
19 ▾     {
20            printf("Sheep");
21        }
22        else if (n%12==0)
23 ▾     {
24            printf("Monkey");
25        }
26        else if (n%12==1)
27 ▾     {
28            printf("Rooter");
29        }
30        else if (n%12==2)
31 ▾     {
32            printf("Dog");
33        }
34        else if(n%12==3)
35 ▾     {
36            printf("Pig");
37        }
38        else if (n%12==4)
39 ▾     {
40            printf("Rat");
41        }
42        else if(n%12==5)
43 ▾     {
44            printf("Ox");
45        }
46        else if (n%12==6)
47 ▾     {
48            printf("Tiger");
49        }
50        else
51 ▾     {
52            printf("Hare");
53        }
54    }
```

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

Passed all tests! ✓

will always be entered. It does not need to perform any error checking.

Input 1

Output 1

are is black.

Input 2

Output 2

are is white.

: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    char column;
    int row;
    scanf("%c %d",&column,&row);
    int is_black_start=(column-'a')%2==0;
    if((is_black_start&&row%2!=0)||(!is_black_start&&row%2==0))
    {
        printf("The square is black.\n");
    }
    else
    {
        printf("The square is white.\n");
    }
}
```

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

all tests! ✓