## GE23131-Programming Using C-2024

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Status Finished

Monday, 23 December 2024, 5:33 PM

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Duration 32 days 22 hours

Question 1

Correct

Marked out of 3.00

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Write a program that determines the name of a shape from its number of sides. Read the number of sides from the user and then report the appropriate name as part of a meaningful message. Your program should support shapes with anywhere from 3 up to (and including) 10 sides. If a number of sides outside of this range is entered then your program should display an appropriate error message.

Sample Input 1

3

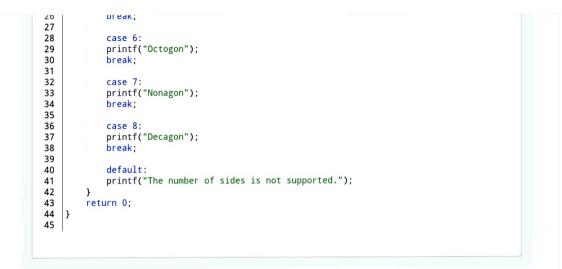
Sample Output 1

Triangle

Sample Input 2

switch(a-2)
{
 case 1:

```
Answer: (penalty regime: 0 %)
      #include<stdio.h>
      int main()
   3 ₹ {
          int a;
          scanf("%d",&a);
          switch(a-2)
   7 ₩
   8
               case 1:
               printf("Triangle");
  10
               break;
  11
  12
               case 2:
               printf("Quadrilateral");
  13
  14
               break;
  15
  16
               case 3:
  17
               printf("Pentagon");
  18
               break;
  19
  20
               case 4:
  21
               printf("Hexagon");
  22
               break;
  23
  24
               case 5:
               printf("Heptagon");
  26
               break;
  27
  28
               case 6:
  29
               printf("Octogon");
  30
               break;
  22
               ---- 7.
```



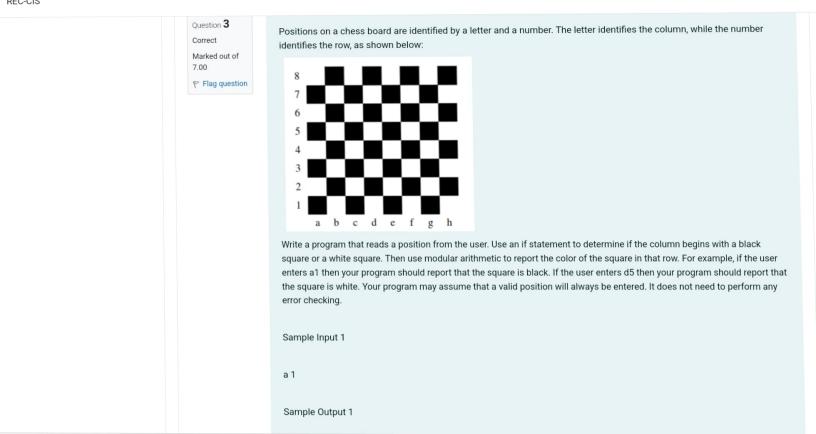
	Input	Expected	Got	
~	3	Triangle	Triangle	~
~	7	Heptagon	Heptagon	~
~	11	The number of sides is not supported.	The number of sides is not supported.	~

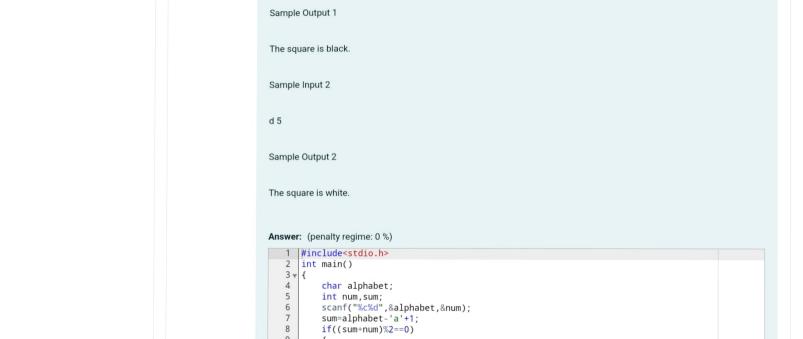


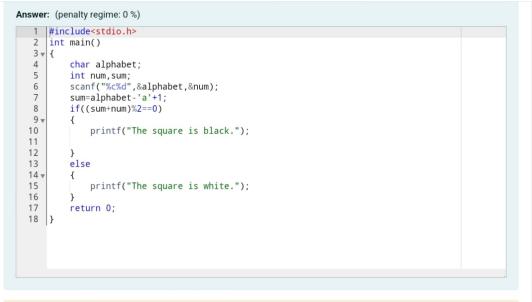
## Answer: (penalty regime: 0 %)

```
|#include<stdio.h>
    int main()
 3 ₹ {
 4
        int a:
        scanf("%d".&a):
        if(a==2000 \mid | (a-2000)\%12==0)
        printf("Dragon"):
        else if(a==2001 || (a-2001)%12==0)
 9
        printf("Snake"):
10
        else if(a==2002 || (a-2002)%12==0)
11
        printf("Horse");
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)
23
        printf("Rat");
24
        else if(a==2009 || (a-2009)%12==0)
        printf("0x"):
26
        else if(a==2010 || (a-2010)%12==0)
27
        printf("Tiger");
28
        else
29
        printf("Hare");
30
        return 0;
31 |}
```









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