

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

If a number of sides outside of this range is entered then your program should display an appropriate error message.

appropriate name as part of a meaningful message. Your program should support shapes with anywhere from 3 up to (and including) 10 sides.

Question 1

Marked out of

Flag question

Sample Input 1

Sample Output 1

3

Correct

3.00

Passed all tests! < Question 3 Positions on a chess board are identified by a letter and a number. The letter identifies the column, while the number identifies the row, as Correct shown below: Marked out of 7.00 Flag question

```
b c d e f g h
Write a program that reads a position from the user. Use an if statement to determine if the column begins with a black square or a white square.
Sample Input 1
a 1
Sample Output 1
The square is black.
```

scanf("%c %d",&ch,&num);

printf("The square is black.");}

color=ch+num;

if(color%2==0){

5

6

7 *

8 9

Then use modular arithmetic to report the color of the square in that row. For example, if the user enters a1 then your program should report that the square is black. If the user enters d5 then your program should report that the square is white. Your program may assume that a valid position will always be entered. It does not need to perform any error checking. Sample Input 2 d 5 Sample Output 2 The square is white. Answer: (penalty regime: 0 %) 1 #include(stdio.h>

printf("The square is white."); 10 11 12 return 0; 13 Input Expected Got The square is black. The square is black. The square is white. The square is white. Passed all tests! <