

output.txt

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1
2 The default interactive shell is now zsh.
3 To update your account to use zsh, please run `chsh -s /bin/zsh`.
4 For more details, please visit https://support.apple.com/kb/HT208050.
5 bash-3.2$ g++ *.cpp
6 bash-3.2$ ./a.out Ali Eshghi
7 /*****
8  * Perimeter and Area of shapes comparing using
9  * overloading frined functions and class methods
10 * _____
11 * This program prompts the user to input information for a
12 * shape of square and a shape of triangle. then using the
13 * virtual methods and inheritance of the classes, calculates
14 * the perimeter and area of those shapes, then using the
15 * frined class functions and class methods, the program
16 * compares the area and perimeter of the squares with the
17 * area and perimeter of the triangle. then outputs if any
18 * attributes of these shapes were equal, then again prompts the
19 * user how many units they want to increase the length of both
20 * shapes and again print outs the attribute of the shapes
21 *
22 * _____
23 * INPUT: square length, triangle sides
24 *
25 * OUTPUT: prints out the perimeter and area of the both shapes
26 *          based on the information that the user put in, the
27 *          result of the comparison of the attributes, and the
28 *          new attributes after the modification
29 *
30 *****/
31
32 First name: Ali
33 Last name: Eshghi
34 Second character of first name is: l
35 Second character of last name is: s
36 For square:
37 Enter length: 5
38 Perimeter: 20
39 Area: 25
40
41 For triangle:
42 Enter length of side A: 5
43 Enter length of side B: 12
44 Enter length of side C: 13
```

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45 Perimeter: 30
46 Area: 30