

ITC LAB #07 CS (C)

LAB TASK

Total time=1hr 30mins

Marks =3 points

1. ***Make a two-player Rock-Paper-Scissors game. (Hint: Ask for player plays (using input), compare them, print out a message of congratulations to the winner, and ask if the players want to start a new game)***

Remember the rules:

- Rock beats scissors
- Scissors beats paper
- Paper beats rock

```
What's your name?abc
And your name?xyz
abc, do yo want to choose rock, paper or scissors?scissors
xyz, do you want to choose rock, paper or scissors?scissors
It's a tie!
Want to play again? (Y?N)Y
What's your name?abc
And your name?xyzz
abc, do yo want to choose rock, paper or scissors?rock
xyzz, do you want to choose rock, paper or scissors?paper
Paper wins!
Want to play again? (Y?N)N
```

Marks =3 points

2. Picture Frame Costing

You have several pictures of different sizes that you would like to frame. A local picture-framing store offers two types of frames—regular and fancy. The frames are available in white and can be ordered in any color the customer desires. Suppose that each frame is 1 inch wide. The cost of coloring the frame is \$0.10 per inch. The cost of a regular frame is \$0.15 per inch, and the cost of a fancy frame is \$0.25 per inch. The cost of putting a cardboard paper behind the picture is \$0.02 per square inch, and the cost of putting glass on top of the picture is \$0.07 per square inch. The customer can also choose to put crowns on the corners, which costs \$0.35 per crown. Write a program that prompts the user to input the following information and then output the cost of framing the picture: (Your program should ask user that if he/she wants to order another frame or not. If the user say yes repeat the whole process again. Your program keep asking until user press no)

- a. The length and width, in inches, of the picture

- b. The type of the frame
- c. Customer's choice of color to color the frame
- d. If the user wants to put the crowns, then the number of crowns

After taking input into consideration print the total cost of the frame.