C++

سلسلة
الخوارزميات وحل المشاكل
Algorithms & Problem Solving
المستوى الثاني

Project 1

Stone-Paper-Scissor
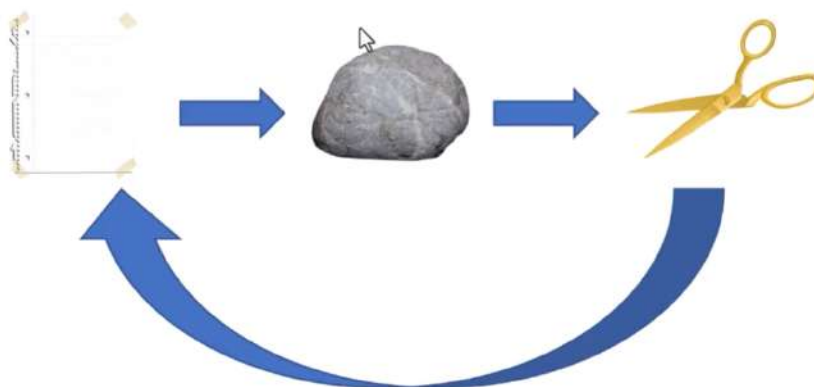
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PROGRAMMING
ADVICES LEARN THE RIGHT WAY

Problem:

Write a small game program for **Stone-Paper-Scissor**

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Requirements:

- Ask for how many rounds the game will be.
- Start each round Player vs Computer.
- Show the results with each round.
- If computer wins the round ring a bill , and screed red.
- If player won the round show green screen.
- After all rounds show game over the print game results, then ask the user if s/he want to play again?

PROGRAMMING
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```
How Many Rounds 1 to 10 ?
3

Round [1] begins:

Your Choice: [1]:Stone, [2]:Paper, [3]:Scissors ?
```

```
C:\Users\USER\source\repos\Main2\x64\Debug\Main2.exe

How Many Rounds 1 to 10 ?
3

Round [1] begins:

Your Choice: [1]:Stone, [2]:Paper, [3]:Scissors ? 1

_____Round [1] _____

Player1  Choice: Stone
Computer Choice: Stone
Round Winner   : [No Winner]
_____

Round [2] begins:

Your Choice: [1]:Stone, [2]:Paper, [3]:Scissors ?
```

```
Round Winner    : [No Winner]
_____


Round [3] begins:

Your Choice: [1]:Stone, [2]:Paper, [3]:Scissors ? 2

_____Round [3] _____

Player1  Choice: Paper
Computer Choice: Paper
Round Winner    : [No Winner]
_____


              _____

                      +++ G a m e   O v e r +++
              _____

              _____ [Game Results ]_____

              Game Rounds        : 3
              Player1 won times  : 0
              Computer won times : 0
              Draw times         : 3
              Final Winner       : No Winner
              _____
              o you want to play again? Y/N?
```

```
C:\Users\USER\source\repos\Main2\x64\Debug\Main2.exe                    —      □      ×

How Many Rounds 1 to 10 ?
5

Round [1] begins:

Your Choice: [1]:Stone, [2]:Paper, [3]:Scissors ? 1

_____Round [1] _____

Player1  Choice: Stone
Computer  hoice: Paper
Round Win      : [Computer]
_____


Round [2] begins:

Your Choice: [1]:Stone, [2]:Paper, [3]:Scissors ? _
```

```
Round Winner   : [Player1]
_____


Round [5] begins:

Your Choice: [1]:Stone, [2]:Paper, [3]:Scissors ? 3

_____Round [5] _____

Player1  Choice: Scissors
Computer Choice: Stone
Round Winner   : [Computer]
_____


        _____
                        +++ G a m e   O v e r +++
        _____

        _____ [Game Results ]_____

        Game Rounds        : 5
        Player1 won times  : 1
        Computer won times : 3
        Draw times         : 1
        Final Winner       : Computer
        _____
Do you want to play again? Y/N?
```