"Rock Paper Scissor"

Submitted in Partial Fulfilment of the

Requirement for the

APSIT Skills

Internship under the

Course: Python

Information & Technology Engineering

by

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APSIT Skills
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CERTIFICATE

This to certify that,

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have satisfactorily carried out the Project work entitled "Rock Paper Scissor" in partial fulfilment of APSIT Skills internship in Information Technology Engineering as laid down by University of Mumbai during the academic year 2021-2022.

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Introduction

<u>What Is Rock Paper Scissors?</u>
You may have played rock paper scissors before. Maybe you've used it to decide who pays for dinner or who gets first choice of players for a team.

If you're unfamiliar, rock paper scissors is a <u>hand game</u> for two or more players. Participants say "rock, paper, scissors" and then simultaneously form their hands into the shape of a rock (a fist), a piece of paper (palm facing downward), or a pair of scissors (two fingers extended). The rules are straightforward:

- **Rock** smashes scissors.
- **Paper** covers rock.
- **Scissors** cut paper.

Now that you have the rules down, you can start thinking about how they might

HOW TO PLAY

Take User Input
Taking input from a user is pretty straightforward in Python. The goal here is to ask the user what they would like to choose as an action and then assign that choice to a variable:

Make the Computer Choose
A competitive game of rock paper scissors involves strategy. Rather than trying to develop a model for that, though, you can save yourself some time by having the computer select a random action.
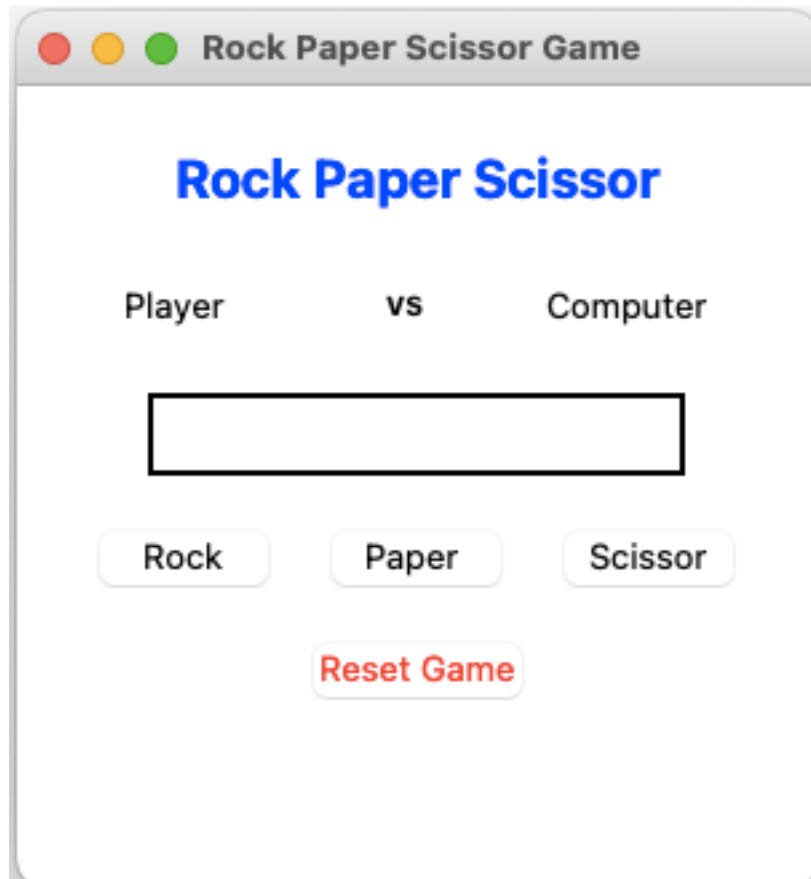
Determine a Winner
Now that both players have made their choice, you just need a way to decide who wins. You can compare players' choices and determine a winner:

RESET GAME
Press reset game to play again

GUI Interface

Conclusion

- Thus, we have designed a classical Rock Paper Scissor Game using Python and Tkinter, which is enjoyable and user friendly.

Reference:

- https://www.geeksforgeeks.org/

- https://www.youtube.com/watch?v=ZDiPqfFF7pw
  (Codemy.com)