A gaming project is a software project that involves designing and implementing a program that can perform basic condition statements,loop and import

we will see how we can create a rock paper and scissor game using python. Rock paper scissor is a hand game usually played between two people. .

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

### .Next, I would explain that the game can be implemented in Python using conditional statements and random number generation.

[Taking input from a user](https://realpython.com/python-input-output/) . 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:

while the computer's choice can be generated using the random.choice() function.

Random: defines a set of functions that are used to generate or manipulate random numbers through the random module.

Import random which will help the computer to select options rock, paper, or scissor randomly.

Then that both players have made their choice, you just need a way to decide who wins and draw. Using an if … elif … else block,

Let there be a Player who is playing with a computer as an opponent.  Now,

* If the player selects Paper and Computer Selects Scissor – Computer wins
* If the player selects Rock and Computer Selects Scissor – Player 1 wins
* If the player selects Paper and Computer Selects Rock – Player 1 wins
* And If the player selects Paper and Computer Selects Paper – Draw
* If the player selects Rock and Computer Selects Rock – Draw

3) Set image for Player on canvas

* If Player selects 1 (Rock)  Show rock image on canvas using create\_image.
* If Player selects 2 (Paper) Show paper image on canvas using create\_image.
* If Player selects 3 (Scissor) Show scissor image on canvas using create\_image.

4) Set image for Computer on canvas

* If Computer selects 1 (Rock)  Show rock image on canvas using create\_image.
* If Computer selects 2 (Paper) Show paper image on canvas using create\_image.
* If Computer selects 3 (Scissor) Show scissor image on canvas using

 creating a graphical user interface (GUI) for the game.Overall, it is important to communicate clearly and concisely when explaining technical concepts like programming games to others.