

**A PROJECT**  
**ON**  
**A GAME :- ROCK, PAPER, SCISSORS**



**I.K.G. Punjab Technical University, Main  
Campus**

**From**  
**B.tech CSE 6<sup>TH</sup> SEM**

**Under the guidance of:-**

**Ezoo Sachdeva**

**Submitted by:-**

**1. Aditya raj (1916718)**

## Acknowledgement

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## Title of the Project

A game on “**Rock-Paper-Scissors**”

## About the Project

The traditional Rock-Paper-Scissors is a two-player game, in which each player simultaneously chooses, either rock, paper or scissors, given that, rock crushes scissors, scissors cuts paper, and paper covers rocks. Based on the rules, the winner is decided.

## Objective of the project

The object of the rock-paper-scissor python project is to build a game for a single player that plays with a computer, anywhere, and anytime. This project is base on the rules that: rock blunts scissors so rock wins.

Rock paper scissors is often used as a fair choosing method between two people, similar to coin flipping, drawing straws, or throwing dice in order to **settle a dispute or make an unbiased group decision.**

## Problem Statement

Our task for this project id to create a program for playing a game of rock-paper-scissor between two players. The game will consists of exactly three rounds of rock-paper-scissors. A player will need to win the majority (i.e., greatest number ) of the three rounds to win the game. The game will results in a tie if no player wins the majority (i.e., more than the other player) of the rounds.

## **Project Outcomes**

**W**e will win, lose and tie with equal likelihood. On average, the number of wins and losses will even out, and both players are essentially headed for a draw. Each time we play, our Paper will wrap our opponent's Rock, and we'll earn one point every round.

One of the **biggest benefits** of playing the rock-paper-scissors is it defines the level of someone's **intelligence**. When this game is played the players learn to identify patterns of other player's behavior by examining their decision strategies and can also predict their future behavior.

### **Technology to be used:-**

**Operating System:-** Windows 10

**Software requirement:-** Python Language