

JAVA PBL:-

TITLE OF OUR PROJECT : Stone , Paper and Scissor Game based on Java.

CODE:

```
import java.util.Scanner;

public class Java_PBL {

    public static void main(String[] args) {

        //considering 0 for rock
        //considering 1 for paper
        //considering 2 for scissor

        Scanner sc=new Scanner(System.in);

        System.out.println("Enter 0 for Rock, 1 for Paper, 2 for Scissor : ");

        int userInput=sc.nextInt();

        Random random= new Random();

        int computerInput=random.nextInt(3);

        if(userInput==computerInput){

            System.out.println("Draw");

        }

        else if (userInput==0 && computerInput==2 | userInput==1
&&computerInput==0 | userInput==2&&computerInput==1){

            System.out.println("You Win");

        }

        else{

            System.out.println("Computer Wins");

        }

    }

}
```

```

    }
    if(computerInput==0){
        System.out.println("computer choice: Rock");
    }
    else if (computerInput==1) {
        System.out.println("computer choice: Paper");
    }
    else{
        System.out.println("computer choice: Scissor");
    }
}
}
}

```

OUTPUT:

```

"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.3.6
Enter 0 for Rock, 1 for Paper, 2 for Scissor :
1
Draw
computer choice: Paper

Process finished with exit code 0
|

```

```

"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.3.6
Enter 0 for Rock, 1 for Paper, 2 for Scissor :
0
Draw
computer choice: Rock

Process finished with exit code 0
|

```

```

"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.3.6
Enter 0 for Rock, 1 for Paper, 2 for Scissor :
2
You Win
computer choice: Paper

Process finished with exit code 0

```

