**ASSIGNMENT 4**

**(Rock paper Scissors Game)**

<https://www.programiz.com/online-compiler/14XvJQ60kwcFZ>

#include <stdio.h>

#include <stdlib.h>

int main()

{

char user;

int comp, score=0;

printf("Rock Paper Scissors Game\n");

printf("Enter R for Rock, P for Paper, S for Scissors\n");

scanf("%c",&user);

comp=rand()%3;

// 0 for Rock, 1 for Paper, 2 for Scissors

switch(user)

{

case 'R':

printf("Your Choice:Rock\n");

if(comp==0)

printf("Computer's Choice:Rock\nIt's a DRAW");

else if(comp==1)

printf("Computer's Choice:Paper\nOHH NO! YOU LOST");

else if(comp==2)

printf("Computer's Choice:Scissors\nYAAY! YOU WON");

break;

case 'P':

printf("Your Choice:Paper\n");

if(comp==0)

printf("Computer's Choice:Rock\nYAAY! YOU WON");

else if(comp==1)

printf("Computer's Choice:Paper\nIt's a DRAW");

else if(comp==2)

printf("Computer's Choice:Scissors\nOHH NO! YOU LOST");

break;

case 'S':

printf("Your Choice:Scissors\n");

if(comp==0)

printf("Computer's Choice:Rock\nOHH NO! YOU LOST");

else if(comp==1)

printf("Computer's Choice:Paper\nYAAY! YOU WON");

else if(comp==2)

printf("Computer's Choice:Scissors\nIt's a DRAW");

break;

default: printf("Invalid input\n");

}

return 0;

}

A screenshot of a computer program

Description automatically generated

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Description automatically generated

A screen shot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated