ITSE 1302

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Lesson 4 Assignment

A screenshot of a computer program

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from random import randrange

def rock\_paper\_scissors():

    play\_again = "y"

    random\_number = randrange(1, 3)

    userWeapon = "Enter your weapon: "

    compWeapon = random\_number

    print("SELECT YOUR WEAPON (1-3)")

    print("\n" + "---"\*15)

    print("1. Rock \n2. Paper \n3. Scissors")

    int(input(userWeapon))

    for userWeapon in range(1, 3):

        compWeapon = int(random\_number)

        if userWeapon == 1 and compWeapon == 2:

            print("Paper covers rock, you win!")

            return

        elif userWeapon == 1 and compWeapon == 3:

            print("Rock crushes scissors, you win!")

            return

        elif userWeapon == 1 and compWeapon == 1:

            print("It's a tie!")

            return

        elif userWeapon == 2 and compWeapon == 2:

            print("It's a tie!")

            return

        elif userWeapon == 2 and compWeapon == 1:

            print("Paper covers rock, you win!")

            return

        elif userWeapon == 2 and compWeapon == 3:

            print("Scissors cut paper, you lose!")

            return

        elif userWeapon == 3 and compWeapon == 3:

            print("It's a tie!")

            return

        elif userWeapon == 3 and compWeapon == 2:

            print("Scissors cut paper, you win!")

            return

        elif userWeapon == 3 and compWeapon == 1:

            print("Rock crushes scissors, you lose!")

            return

def main():

    play\_again = "y"

    while play\_again == "y":

        rock\_paper\_scissors()

        play\_again = input("Would you like to play again? (y/n): ").lower()

        while play\_again.lower() != "y" and play\_again.lower() != "n":

            play\_again = input("Invalid Input! Would you liwk to play again? (y/n): " ).lower()

    print("\n" + "---"\*15)

    print("Completed by Travis Doporto.")

if \_\_name\_\_ == "\_\_main\_\_":

    main()