1. The goal of this program is to role dices.
2. Fist ask the user to input the number of dices.
3. Then ask for the number roles each dice will take.
4. If the user inputs anything less than or equal to zero, quit the program.
5. Use nested loops.
6. Pass the dice and number of roles to the value returning method.
7. The value returning method should have a nested loop.
8. Used the nested loop to manage the dices and roles.
9. Used the print stream to print out every role value and the dice count.
10. Finally return the total roles to the main method.
11. If the count is greater that zero display success.
12. You a void method to be called in the value returning method to show error if file is not found.

Output

Dice 1

1 6 1 2 5 5 2 1 4

Dice 2

1 3 2 6 5 4 3 6 1

Dice 3

3 5 6 6 4 4 6 5 3

Dice 4

2 3 5 4 5 5 1 6 4

Dice 5

3 5 4 1 2 1 6 2 5

/\*

COSC 236

Your name:Christian Seyoum

Description:Dice

Filename:Lab9\_problem6

Date started:6/27/2018

Modification history:6/27/2018

Classes: main

\*/

import java.util.\*;

import java.io.\*;

public class Lab9\_Problem6

{

public static void main(String[] args)

{

int iDice;

int iRole;

int iVal;

Scanner cin = new Scanner(System.in);

System.out.print("How many dices to you want to role?");

iDice = cin.nextInt();

if (iDice >=1)

{

System.out.print("How many roles do you want per dice?");

iRole = cin.nextInt();

if (iRole>=1)

{

iVal = fiOutPut(iDice,iRole);

if (iVal != 0)

{

System.out.println("Success: file processing complete");

}

else

{

System.out.println("Error: unable to create output file");

}

}

else

{

return;

}

}

else

{

return;

}

}

public static int fiOutPut(int piDice, int piRole)

{

int iRand;

int iCountDice;

int iCountRole;

int iCount;

iCount=0;

try

{

PrintStream ofsOutput= new PrintStream(new File("c:/home/student/seyoum/folder/Problem\_6.txt"));

Random rand = new Random();

for(iCountDice=1; iCountDice<=piDice; iCountDice++)

{

ofsOutput.println("Dice "+iCountDice);

for(iCountRole=0; iCountRole<piRole; iCountRole++)

{

iRand = rand.nextInt((6-1)+1)+1;

ofsOutput.printf("%6d", iRand);

iCount++;

}

ofsOutput.println("");

}

}

catch(FileNotFoundException sMsg)

{

System.out.println("Error");

return -1;

}

return iCount;

}

public static void fvOutPut(int piCount)

{

System.out.println("File can not be created");

}

}