**CST-117 In-Class Assignment 6**

Write a Dice class. The class should have: Class Dice

* A private field for the number of sides of the die intSides = 6;
* A constructor that takes an integer between 4 and 20, inclusive and sets the number of sides of the die Dice(int intNumSides) {intSides = intNumSides;}
* A method, rollDie(), returns the face value when the die is rolled. Use a Random number to “roll” the die. public int rollDie() {return random side of the die, from 1 to intSides}

Write a driver program. This program should create two die with the same number of sides, continually roll the dice and report the result of each roll. It should stop when “snake eyes” are rolled (double 1’s) and report the number of rolls. You may write this as a console application or a Windows Forms application. Here’s an example:



Program Logic

class Dice

{ private intSides = 6;

Dice(int intNumSides)

{ intSides = intNumSides }

public int rollDice ()

{

1. when "Roll Dice" button is clicked:

while die1! = 1 && die2! = 1

roll die

report dice

add 1 to counter

report count

}

At the beginnig of the driver program

create 2 dice of the same size

side = 0

while side == 0

ask for side

if side < 4 or side > 20 then side = 0 and show error message