A).

Int array[] newArray = new array[numTosses];

For (int I = 0; i<newArray.length; i++)

{

newArray[i] = cube.toss()

}

Return newArray;

B)

public static int getLongestRun(int [] values)

{

int result = 0;

int maxLen = 0;

int maxStart = 0;

for(int i = 0; i<values.length-1; i++)

{

if(value[i] == value[i+1])

{

result++;

if (result > maxLen)

{

maxLen = result;

maxStart = i - result + 1;

}

}

else

{

result = 0;

}

}

return maxStart;

}

a)

**public** **static** **int**[] getCubeTosses(NumberCube cube, **int** numTosses)

{

**int**[] newArray = **new** **int**[numTosses];

**for** (**int** i = 0; i<numTosses; i++)

{

newArray[i] = cube.toss();

}

**return** newArray;

//I tried returning a variable modifyed in a for loop

//in another code, and it didn't work.

//Why is it working here?

b) **public** **static** **int** getLongestRun(**int** [] value)

{

**int** result = 0;

**int** maxLen = 0;

**int** maxStart = 0;

**for**(**int** i = 0; i<value.length-1; i++)

{

**if**(value[i] == value[i+1])

{

result++;

**if** (result > maxLen)

{

maxLen = result;

maxStart = i - result + 1;

}

}

**else**

{

result = 0;

}

}

**return** maxStart;

}

//This whole code is a little hard for me to comprehend