

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 modified 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
```