**PROG1017: VB: Lab 6: Final Lab**

**Due Date: Thursday, Dec. 10, 8:30am (no late submissions accepted) Marks: 20**

Open and extract **LastLab.ZIP**. I have created the form and started the code. Run the EXE in blackboard to see what the program should do. Do not change the form design or control names in any way.

Note that there are 12 picture boxes (6 left and 6 right) for displaying the dice roll.

Look over the form design, control names, properties and code already inserted.

Work on the code in the order given searching in VB for 1), 2), etc. All procedure comment headers are included.

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| **#** | **Event/ Procedure** | **Description** |
| **1)** | **Comment Header** | Update with your name and date at the top of program. (1) |
| **2)** | **ResetDice** | Called from form load, btnRoll Click and btnClearDice click. Read comments. (2) |
| **3)** | **btnRollDice Click** | Read comments including DisplayDice. (3) |
| **4)** | **btnGenerate Click** | Read comments including ReadNumber. (5) |
| **5)** | **btnAnalyze Click** | Read comments including FindMin and FindMax.  **Hint**: when finding a min/max in a list of numbers, assume the first number is the min/ max and then go through the list looking for one smaller/ larger. (5) |
| **6)** | **Bonus** | Once all checkboxes have been selected, display the label with the count of how many rolls it took to get all 3 (Snake Eyes, Boxcars, Natural). (3) |

**Submission Requirements (4):**

* **Print**: memo, code (a word document named **Lastname VBLab6.docx)**
* **Blackboard**: 2 files:
  + **Lastname VBLab6.doc**x (memo and code),
  + **LastnameLab6.exe**

**Note**: without exe, I cannot run and test your program. I am not verifying your submission. Incorrect submissions will result in a mark of 10% of total lab (2 / 20).