| **Application/ Program name:** | L1-1.exe |
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| **Written by:** | William Laffey |

| **Purpose or problem definition:** |
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| The purpose is to roll a number of dice a number of times and record the sum of each roll. |
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| **Program Procedures:** |
| The program takes input from the user. It then rolls the dice according to the user and records the sum of each roll. It then outputs the number of time each sum occurred along with a bar graph for visual representation. |
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| **Algorithm/Processing/Conditions:** |
| **Inputs:** |
| **Number of dice to be rolled**  **Number of times dice are rolled** |
| **Processes:** |
| **Gives random number between 1 and 6 for each roll** |
| **Outputs:** |
| **Number of times each sum occurred**  **Bar graph of the same numbers** |
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| **Notes & Restriction:** |
| * Any answers except the ones offered will make the program stop |
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| **Comments:** |
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