Name:

Grader:

**AP Computer Science**

**Looping Program Checklist**

Directions - By the end of today, the following programs should be created and saved for future reference. Place a check mark next to each when you complete them.

|  |  |  |  |
| --- | --- | --- | --- |
| **Program#** | **Program** | **Description** | **Completed?** |
| 1 | Even200 | Output all even numbers from 2 to 200 |  |
| 2 | Odd999 | Output all odd numbers 99 to 999 |  |
| 3 | Random10 | Output ten random numbers 1 to 10 |  |
| 4 | Sum100 | Sum together all integers from 1 to 100 |  |
| 5 | Count3s | Count the number of 3s from 1 to 100. |  |
| 6 | ValidInput | Prompt the user to enter an even number between 100 and 999 that contains a 5. If the number they entered doesn’t satisfy the criteria, they are prompted to enter another number until they do so. |  |
| 7 | Output100 | Output number 1 to 100, 10 per line |  |
| 8 | Alphabet | Output A to Z (caps) using a *for* loop. |  |
| 9 | Alphabet5 | Same as above, but 5 letters per line |  |
| 10 | Boxcars | Generate two random die rolls. Count and output how many times it takes the computer to roll double 6s. |  |
| 11 | Factors | User enters two numbers and the program outputs all common factors. |  |
| 12 | Daily4 | User enters a 4 digit number. Your program will generate random 4 digits numbers until the user’s number is picked. Output how many times it had to generate a random value before it was matched. |  |