**For Loops – Day 1 \*\* Save all your programs \*\***

1. State the output for each of the following:

|  |  |  |
| --- | --- | --- |
| for j in range(1, 7):  print (j)  1  2  3  4  5  6 | for j in range(0, 12):  print (j)  0  1  2  3  4  5  6  7  8  9  10  11 | for j in range(-5, 3, 2):  print (j)  -5  -3  -1  1 |
| for j in range(10,0,-2):  print (j)  10  8  6  4  2 | for j in range(1,10,-1):  print (j)  N/A | for p in range(0, 10):  print("go", end="")  gogogogogogogogogogo |
| for p in range(1,10):  print("go")  go  go  go  go  go  go  go  go  go | for n in range(1, 4):  print(n\*n)  print(n+10)  print(n-1)  1  11  0  4  12  1  9  13  2 | for n in range(1, 6):  print("n\n")  n  n  n  n  n |

1. Use for loops to accomplish each task.
   1. Display the numbers 1 through 20 on the screen.
   2. Display all odd positive integers less than 50 on the screen.
   3. Print your name to the screen 20 times.
   4. Print your name to the screen n times, as determined by the user.
   5. Display all positive integers less than or equal to 100 that are multiples of 10, in descending order.
   6. Given a positive integer n, simulate a countdown from n to 1, followed by the message Blast off!