Assignment 16: Lists

1. Create a program called ListFun.py.
2. Create an empty list. Fill up the list with odd numbers (1,3,5,...). Append the values to the list one at a time. Then, print them on the screen one by one using the index. Don’t use a while loop. This part of the code will be pretty long.
3. Create another empty list. Fill up the list with the number 1.25, then print all the numbers in the list. You must use a while loop to fill this list and to print. Use 10 for the while condition, so the list will have 10 elements in it.
4. Create another empty list. Fill it with 1000 random numbers between 1 and 1000. Use a while loop!
5. Challenge: print all the numbers in the random list out with a space between each one, making them start on a new line every 20 numbers. You can use a double while loop to do that! This is tricky!
6. Run the program and make sure it works as expected.
7. Email the file to the instructor.