1

A screenshot of a computer program

Description automatically generated

3: This program lets the user determine how many numbers will be stored. It asks the user for a start number and then it blocks off the piece memory for however many numbers the user wants, it allows the user to input the numbers and the program keeps them, outputting them to the user at the end. It gets rid of memory at the end so that no extra memory is being taken up on the computer.

4

A screen shot of a computer

Description automatically generated

5

An object is something that combines data and functions. They function from blueprints that define how they behave. Each objects have their own copy of data. A python list holds data as well and it can manage itself on its own.

6

A linked list helps us overcome some of the problems we are using dynamic memory for by helping us store data and organizing it. It takes up a small amount of space and those small pieces link together. It is amazing for memory and saves you a lot of storage.