1. Shoe Retailer
2. InventBot
3. Pseudocode:

The class of the program is Shoe.

There are six instance variables that declare the different sizes for the six shoes that will be created later on in the program.

After the instance variables are declared, there are then six new void methods that are Shoe1, Shoe2, Shoe3, Shoe4, Shoe5, and Shoe6. Each has a statement to print a new line that stated the sizes available for it’s according shoe. The line will be "The sizes for this shoe are " + an instance variable.

After those methods are established. A new class will be made, called RunShoe, that will extend the class Shoe.

Six new objects will be created that will refer back to the object shoe. The six objects are Nike97, Nike 95, Van, Yeezy, Force, and Lebron.

After the new objects are created, a new array is created that will hold the string names of the six styles of shoes. Once that is made, a for loop is used to loop the array names and then later be used in the switch statements.

The switch statement is then created with five different cases. Each case calls back for a string name in the array and then a method is called back into the switch statement and the new line is made.

That is when the program is stopped and can be run.

This program is mainly designed for clerks or staff operations. This program was designed to make an inventory list of what supply of shoes that the store may have in storage. That way they don’t need to go in the back and look for a size with an abundance of shoes that can take a while. It can be more efficient and time saving so that the clerks and staff operators can leave the customers with a bit more time. The business function is simply just for a staff member to go to a computer, look at a ran program and see if the size is there. The technical purpose is to store the information within the physical storage sight within a computer program that will allow the employees to check a computer to see if the size they are looking for is there. Of course, every new size/pair or sold size/pair will have to be declared within the code itself to keep on functioning.