Research

1. What are the differences between Lists, Sets, and Maps in Java?
   1. Lists
      1. Allows Duplicates in List
      2. Elements are ordered
      3. Accept null elements
   2. Set
      1. Do not allow duplicates
      2. Unordered collection
      3. Can only have one null element
   3. Map
      1. Can have duplicate value nut not keys
      2. They have a key and value pair unlike other collections
      3. Hashtable doesn’t allow null values but HashMap allows null values and one null key
2. Write a line of code that shows how you would instantiate an ArrayList of String.
   1. List<String> names = new ArrayList<String>();
3. Write a line of code that shows how you would instantiate a HashSet of StringBuilder
   1. Set< StringBuilder> names = new HashSet<StringBuilder>();
4. Write a line of code that shows how you would instantiate a HashMap of String, String.
   1. Map<String, String> dictionary = new HashMap<String, String>();

Links for citing:  
<https://www.java67.com/2013/01/difference-between-set-list-and-map-in-java.html#:~:text=List%20in%20Java%20provides%20ordered,key%2Dvalue%20pair%20and%20hashing>.

<https://docs.oracle.com/javase/tutorial/collections/implementations/list.html\>