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HashSet

- Unlike ArrayList, HashSet wont have index values and hence we cannot use for loop with HashSet
- Unlike ArrayList, HashSet stores the values in a random order
- Demonstrate HashSet which stores integer type of values and uses for each loop to print those values -Demonstrate <u>here</u>
- Assigning the object of HashSet class to Collection / Set Interface Demonstrate

Iterator interface and iterator() method

- iterator() is a predefined method of Collection interface, who's return type is Iterator interface
- hasNext() and Next() are the predefined methods of the Iterator interface
- Demonstrate using Iterator and iterator() with ArrayList Demonstrate here
- Demonstrate using Iterator and iterator() with HashSet Demonstrate here

HashMap

- Instead of storing the objects as a group of Objects, HashMap stores the objects in the form of <u>key value</u> pairs.
- Demonstrate a HashMap which stores different key value pairs and uses get() method to retrieve a value based on the provided key - Demonstrate here
- Demonstrate a HashMap which stores different key value pairs and uses for each loop to print those values - Demonstrate <u>here</u>

Calling the methods using String text (Reflection API)

In Selenium Automation, we need to read the values from the Excel file and call the appropriate methods having the same names as the values.

- Demonstrate a program which calls a method having the same name as String text Demonstrate here
- Demonstrate a program which calls a parameterized method having the same name as String text -Demonstrate <u>here</u>
- Purpose In Selenium Automation, we need to read the values from the Excel file as Strings and call the appropriate methods having the same names as the String text.