

23-813-0207: Lab 4 - Java Programming Lab

Lab exercise - 5

Date: 20/3/2024

1. Write a program demonstrating methods in Java's *java.util.Collection* Interface using a *HashSet* object.
2. Write a program demonstrating Java's *java.util.List* Interface methods using an *ArrayList* object. Also, print the elements of the *ArrayList* using a *java.util.ListIterator*.
3. Demonstrate the working of stack data structure using *java.util.Stack* class.
4. Demonstrate the methods in *java.util.Queue* Interface using a *LinkedList* class.
5. Demonstrate the working of a Map data structure using *HashMap* object.

**Refer to the UML diagram given below



