4) Hashmap operations :-

```
import java.util.Hashmap.
public class Hashmapoperations {
    public static void main (String[] args) {
    Hashmap < integer, String > students = new
                                        hashmap<>();

        students.put(101, "John");
        students.put(102, "Alice");
        students.put(103, "Bob");
        students.put(104, "Davidy");

system.out.println(students)
int searchID = 103;
    if (students.contains(searchID)){
        system.out.println(students.get(searchID
    } else{
        system.out.println("searchID not found
    }
    students.remove(102);
    system.out.println(students);
    System.out.println("Hashmap:");
        system.out.println(entry.getKey() +
                                entry.getValue());

    }
  }
}.
```

3) Priority Queue operations :-

```
import java.util.priorityQueue;
public class priorityQueueOperations{
    public static void main (String[] args) {
priority Queue < String > employeeQueue = ne
                                    priority

    employeeQueue.add ("John");
    employeeQueue.add ("Alice");
    employeeQueue.add ("Bob");
    employeeQueue.add ("Daisy");

System.out.print (employeeQueue);
String highestpriority employee = employeeQueue.
System.out.println (employee Queue);

}

}.
```

CSA3763
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Assignment.

192211121
S. Selvendran

Arraylist operations:-

```
import java.util.Arraylist;
public class arraylistoperation {
    public static void main (String[] args) {
        Arraylist <Integer> list. newarraylist <>();
            List.add (10);
            List.add (20);
            List.add (30);
            List.add (40);
            List.add (50);
System.out.println (list);
 list.remove (2);
System.out.println (list);
int search element = 40;
int index = list.indexof (searchelement);
if (index = -1) {
        System.out.println (searchelement + index);
} else {
        System.out.println (searchelement);
}
}
```

2) Hashset operations :-

```
import java.util.hashset;
public class Hashset operation {
    public static void main (String [] args) {
        Hashset <String> names = new hashset <> ();
        names.add ("John");
        names.add ("Shelby");
        names.add ("Bijoy");
        names.add ("BOB");
    System.out.println(names);
    names.remove ("Shelby");
    System.out.println ("names");
    String searchName = "Bijoy";
    if (names.contains (searchname)) {
        System.out.println (searchname);
    }
    System.out.println ("Hashset");
        for (String name : names) {
            System.out.println (name);
```