Assignment - 3:

Array list operations:

```java
Import Java.util.Array list

Public class Array list operation {

Public static void main (string [] args].

Array list <Integer> list = new array list();

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);

Print Search element = CO.

if (index != 1) {

system.out.println (Search element + index);

} else {

System.out.println ("Arraylist:");

System.out.println (element);

}

}

}.
```

2) Hashset operations:

```java
Import Java.util.Hashset;
Public class Hashset operations {
    Public static void main (string a[] args) {
        Hashset <string> Names= new Hashset<>();
        names.add ("Jhon");
        names. add ("Alice");
        names. add ("Bob");
        names. add ("Daisy");
        names. add ("Daisy");
        string searchname = "Bob";
        if (names. contain (search name)){
            system. out. println (search name);
        } else {
            System.out.println (searchname);
        }
        System. out. println ("Hashset")
        System. out. println (name);
    }
}
```

```java
Priority QueueOpereations :-
import java.util.priorityQueue;
Public class priority QueueOperations {
Public static void main (string [] args) {
Priority Queue <string> employee Queo = new priority
employee Queue.add ("Bhon");
employee Queue.add ("Alice");
employee Queue.add ("Bob");
employee Queue.add ("Daisy");
System.out.println (employee Queue);
swing highest priority employee = employee.poll()
System.out.println (highest priority employee);
System.out.println (employee Queue);
}
}
```

④ Hashmap Operations:

```java
import Java.util. Hashmap;
public class Hashmap operations {
public static void main (string []args){
Hashmap <integer,string> students = new hashmap ();
student.put ("101","John");
student. put ("102", "Alice");
student put ("103", "Bob");
Student put ("104", Daisy);
system.out println(students):
int search id= 102;
    if (student. contains (searchID)){
    system.out.println (student get (search Id))
    } else {
    System.out println ("search id Not found")
    }.
    System.out.println ("Students");
    System.out. println ("Hashmap");
        for (Hashmap.empty <integer.string.entry ()){
    System.out.println ("entry getkey() + entry value();
    }
    }
}
```