```
ssignment
    Arraylist operations :-
     import java. util. Arraylist;
     public class ArrayListoporation of
        Public static void main (strings) orgs) &
           Array List Lonteger > List = new Array List 47 ();
             list add (10);
             (ist : add (20):
             (ist add (30);
             listiadd (40);
             list, add LSO);
    System out println (list);
    listiremove (2);
    system.out.print(n(list);
   int search element = 40;
   int index = list index of (search Element);
  3 (1-=1) tindex 1=-1) t
      system. out. println (search Element + index);
yelse {
   system.out.print(n (search Element);
systemioutiprint(n ("Arraylist:");
for (Integer element: list) {
             system.out.print(r(element);
```

```
Hasheet operations:
           import java-util, Hashsot;
          public class seash sotoporations (
            Public static void main (string() args) &
            Hashsetz strings names = new Hashset Loco;
            names.add ("Tohn");
            names and ("Alice");
           names, add ("Bob");
           names. add ["Daisy");
        system out println (names);
        names remove ("Alice");
       system out print (n (names);
      string searchname = "2306";
     if (names. contains(searchname));
        system out printly (search Name);
    yelse &
      system.out.println (searchnlame);
system out println ("Itashsets: ");
   for (string name: names) {
           system. out. print(n(name);
```

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priority queue operations: -
  import java · util. priority aucue;
  public class priority ou europerations ?
     Public static void main (string[] args) &
   priorityQuoue 2 string > employeeQuoue = now priorityQuouec>
    employee Queue . add ("John");
    employee aueue. add ("Alice");
   employeeQueur, add ("Bob");
   employee Queue, add ("paisy");
= system.out.print (mplageraucue);
string highestpriority Employee = employee Queue. poll();
system out println (highestpriorityEmployee);
system. out. print(n( employee access);
```

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Hashmap operations:
        import davarutic Hashmap;
        public class stashmapoporations
           public static void main (stringe 3 or 35) {
           Hashmapsontogos, Strings students and Hashmapson;
             students. put (101, "Tohn");
             students, put (102, "Alice");
            students, put (103, "Bob");
            students. put (104, "Daisy);
    33 Storm out . println (Students)
    int search ID = 103;
     if (students, contains Key (search ID)) &
          system.out. print (n( Students . get (search ID)).
  3 elsef
       system.out.println("search ID not found");
 students. remove(102);
 system-out-print (n (students);
system. out. println ("Hashmap:");
for (Hashmap. Entry contiger, String) entry: Students. entry set()))
   system . out. printly (entry getkey() + entry getvalue());
```