import java.util.\*;

public class Module1\_Solution {

public static void main(String[] args) { Scanner sc=new Scanner(System.in);

System.out.println("Please Enter Your Name:"); String name=sc.nextLine(); System.out.println("Welcome "+name);

System.out.println("Enter the No. of Tasks(Enter Atleast 5 Tasks)"); int n=sc.nextInt();

sc.nextLine();

String[] Tasks=new String[n]; if(n>=5){

for(int i=0;i<n;i++){ Tasks[i]=sc.nextLine();

}

}

else{

System.out.println("Atleast 5 Tasks are required");

}

int ch=0; do{

System.out.println(" MENU "); System.out.println("1.Ascending Order of Tasks:"); System.out.println("2.Decending Order of Tasks:"); System.out.println("3.Repeated Tasks:"); System.out.println("4.View Tasks:"); System.out.println("5.Exit:"); System.out.println("Enter your choice:"); ch=sc.nextInt();

switch(ch)

{

case 1:System.out.println("Tasks In Ascending Order:"); Arrays.sort(Tasks);

for (String j : Tasks) { System.out.println(j);

}

break;

case 2:System.out.println("Tasks In Decending Order:"); Arrays.sort(Tasks,Collections.reverseOrder()); for (String i : Tasks) {

System.out.println(i);

}

break;

case 3:System.out.println("Repeated Tasks:"); List<String> list=Arrays.asList(Tasks); Set<String> set=new HashSet<String>(list);

int strArrayLength=Tasks.length; int setSize=set.size(); if(strArrayLength>=setSize){

System.out.println("Duplicate element/objects"

+ " present in original String Arrays");

}

else{

System.out.println("There are NO duplicates"

+ " in original String Arrays");

}

break;

case 4:System.out.println("View tasks:"); for (String i : Tasks) {

System.out.println(i);

}

break;

case 5:System.out.println("Exit"); break;

default:System.out.println("Wrong choice");

}

}

while(ch!=5);

}

}

Please Enter Your Name:

Atyam Bindu sri

Welcome Atyam Bindu sri

Enter the No. of Tasks(Enter Atleast 5 Tasks) 5

wakeup breakfast exercise

completemodules practicecoding

MENU

1.Ascending Order of Tasks: 2.Decending Order of Tasks: 3.Repeated Tasks:

1. View Tasks:
2. Exit:

Enter your choice:

1

Tasks In Ascending Order: breakfast completemodules exercise

practicecoding wakeup

MENU

1.Ascending Order of Tasks: 2.Decending Order of Tasks: 3.Repeated Tasks:

1. View Tasks:
2. Exit:

Enter your choice:

2

Tasks In Decending Order: wakeup

practicecoding exercise completemodules breakfast

MENU

1. Ascending Order of Tasks:
2. Decending Order of Tasks:
3. Repeated Tasks:
4. View Tasks:
5. Exit:

Enter your choice:

3

Repeated Tasks:

Duplicate element/objects present in original String Arrays

MENU

1.Ascending Order of Tasks: 2.Decending Order of Tasks: 3.Repeated Tasks:

1. View Tasks:
2. Exit:

Enter your choice:

4

View tasks: wakeup practicecoding exercise completemodules breakfast

MENU

1.Ascending Order of Tasks: 2.Decending Order of Tasks: 3.Repeated Tasks:

1. View Tasks:
2. Exit:

Enter your choice:

5

Exit