**INPUT –**

import java.util.\*;

class Main{

public static void main(String args[]){

Scanner s = new Scanner(System.in);

System.out.print("Enter the number of elements : ");

int cnt = s.nextInt();

char arr[] = new char[cnt];

System.out.print("Enter the element : ");

for(int i=0; i<cnt; i++){

arr[i] = s.next().charAt(0);

}

System.out.print("Enter the size of frame : ");

int fSize = s.nextInt();

char frame[] = new char[fSize];

int hit = 0;

int mis = 0;

int ptr = 0;

for(int i=0; i<cnt; i++){

boolean ans = false;

for(int j=0; j<fSize; j++){

if(arr[i] == frame[j]){

ans = true;

break;

}

}

if(ans){

hit++;

}

else{

mis++;

frame[ptr] = arr[i];

if(ptr ==fSize-1){

ptr = 0;

}

else{

ptr++;

}

}

for(int k=0; k<fSize; k++){

System.out.print(frame[k]+" ");

}

System.out.print(hit+" "+mis);

System.out.println();

}

System.out.println("hits : "+hit);

System.out.println("mis : "+mis);

}

}

**OUTPUT –**

Enter the number of elements : 11

Enter the element : 1 2 3 1 3 2 5 4 5 2 1

Enter the size of frame : 3

1 0 1

1 2 0 2

1 2 3 0 3

1 2 3 1 3

1 2 3 2 3

1 2 3 3 3

5 2 3 3 4

5 4 3 3 5

5 4 3 4 5

5 4 2 4 6

1 4 2 4 7

hits : 4

mis : 7