**VECTOR**

**SOURCE CODE:**

import java.util.\*;

class vectorshoppings1

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

Vector v=new Vector();

int choice;

do {

System.out.println("Menu \n 1: Insert \n 2: Remove \n 3: Display \n 4: Size \n 5: Exit ");

System.out.println("Enter the choice");

choice =sc.nextInt();

switch(choice)

{

case 1: System.out.println("Enter the String to be inserted");

String k=sc.next();

v.addElement(k);

break;

case 2: System.out.println("Enter the String to be removed");

int q=sc.nextInt();

v.removeElementAt(q);

break;

case 3: System.out.println("The vector is as follows");

for(int i=0;i<v.size();i++)

System.out.println(v.elementAt(i));

break;

case 4: System.out.println("Capacity="+v.capacity());

break;

case 5: break;

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

}

}while(choice!=5);

}

}

**OUTPUT:**



