Practical 10

CODE:
```
import java.util.*;

public class VectorDemo

{ public static void main(String []args)
{        int i,len,val1;
    String val2;

    Scanner sc=new Scanner(System.in);
    Vector v1=new Vector();

System.out.println("Enter length of Vector");
len=sc.nextInt();
sc.nextLine();

for(i=0;i<len;i++)
    {System.out.println("Enter  element ");
        v1.add(sc.nextLine());}
System.out.println("Vector is"+v1);
System.out.println("Enter element position to add value");
val1=sc.nextInt();
sc.nextLine();
val2=sc.nextLine();
v1.add(val1,val2);
System.out.println("New vector"+v1);

System.out.println("Enter element position to delete");
v1.remove(sc.nextInt());
System.out.println("After deleting the vector is"+v1);

}
}
```

Output:
Enter length of Vector
5
Enter element
Vegetables
Enter element
Fruits
Enter element
Juices
Enter element
Biscuits

Enter element
Oil
Vector is[Vegetables, Fruits, Juices, Biscuits, Oil]
Enter element position to add value
3
Noodles
New vector[Vegetables, Fruits, Juices, Noodles, Biscuits, Oil]
Enter element position to delete
4
After deleting the vector is[Vegetables, Fruits, Juices, Noodles, Oil]