

```

import java.util.*;
class VectorDemo
{
    public static void main(String[] args)
    {
        Vector v =new Vector();
        System.out.println("Capacity : " + v.capacity());
        for(int i=5; i<=50; i+=5)
        { v.addElement(i);
        }
        System.out.println("Capacity Now :"+v.capacity());
        v.addElement("A");
        System.out.println("Capacity Now :"+v.capacity());
        for(int i=0; i<=6; i++)
        { v.addElement(i);
        }System.out.println("Capacity Now :"+v.capacity());
        System.out.println(v);
        //-----
        Vector v1 =new Vector(5,3);
        System.out.println("Capacity : " + v1.capacity());//5
        for(int i=2; i<=20; i+=2)
        { v1.addElement(i);
        }
        System.out.println("Capacity Now :"+v1.capacity());//5+3+3=11
        v1.add("Ram");
        v1.add("Shyam");
        System.out.println("Capacity Now :"+v1.capacity());//11+3=14 but 1 blank
        for(int i=3; i<=30; i+=3)
        { v1.addElement(i);
        }System.out.println("Capacity Now :"+v1.capacity());//14+3+3+3=23
        System.out.println(v1);
    }
}

```

Output:-

```

C:\Windows\system32\cmd.exe
Capacity : 10
Capacity Now :10
Capacity Now :20
Capacity Now :20
[5, 10, 15, 20, 25, 30, 35, 40, 45, 50, A, 0, 1, 2, 3, 4, 5, 6]
Capacity : 5
Capacity Now :11
Capacity Now :14
Capacity Now :23
[2, 4, 6, 8, 10, 12, 14, 16, 18, 20, Ram, Shyam, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30]
Press any key to continue . . .

```