

PROGRAM:

```
import java.util.*;

class VectorContains
{
    public static void main(String args[])
    {
        int i,x[];
        x=new int[5];
        Vector v= new Vector(5);
        Scanner s=new Scanner(System.in);
        System.out.println("Enter the elements of the vector:");
        for(i=0;i<5;i++)
        {
            x[i]=s.nextInt();
        }
        for(i=0;i<5;i++)
        {
            Integer a=new Integer(x[i]);
            v.addElement(a);
        }
        System.out.println("Enter number to be verified:");
        i=s.nextInt();
        Integer b=new Integer(i);
        if(v.contains(i))
        {
            System.out.println(i+" is contained in the vector.");
        }
        else
        {
            System.out.println(i+" is not contained in the vector.");
        }
    }
}
```

```
}  
}  
}
```

OUTPUT:

```
D:\Aniket JAVA>javac VectorContains.java
```

```
D:\Aniket JAVA>java VectorContains
```

Enter the elements of the vector:

```
1  
2  
3  
4  
5
```

Enter number to be verified:

```
1
```

1 is contained in the vector.