- We can easily remove all objects into Vector variable according to array.

⇒ Disadvantage of Vector over array :-

- The main disadvantage of Vector an array is in Vector variable we can't directly put the basic data type of variable.

Some predefine methods of Vector class :->

* Void addElement (Object var) :->

This method of Vector class is used to add specified object at end index position of vector object.

ex:- String str1 = "Ram";
Integer p = new Integer (30);
Float q = new Float (4.5f);
Vector ob = new Vector ();
ob. addElement (str1);
ob. addElement (p);
ob. addElement (q);

* Void insertElementAt (Object obj, int Index) :->

This method of Vector class is used to insert the specified object at given Index position into the Vector list.

Ex:-

```
String str1 = "Ram";
String str2 = "Nita";
Vector ob = new Vector();
ob.addElement(str1);
ob.addElement(str2);
String str3 = "Sita";
ob.insertElementAt(str3, 1);
```

* int Size() :->

This method of Vector class is used to return how many object present into the Vector list.

Ex:-

```
String str1 = "Ram", str2 = "Nita";
       str3 = "Sita";
Vector ob = new Vector();
ob.addElement(str1);
ob.addElement(str2);
int a = ob.size(); // a=2
```

```
ob.insertElementAt(Str3, 1);
int b = ob.size(); // b = 3
```

* Object elementAt(int Index) :->

This method of Vector class returns the object of given index position.

Ex:-
```
String Str1 = "Ram", Str2 = "Nita",
       Str3 = "Sita";
Vector ob = new Vector();
ob.addElement(Str1);
ob.addElement(Str2);
ob.insertElementAt(Str3, 1);
Object P = ob.elementAt(1); //
                P = Sita.
System.out.print("Value =" + ob.
        elementAt(2)); // Value =
                Nita.
```

* Void removeElement(Object var) :->

This method of Vector class is used to remove the specified object from Vector list.

Ex:-
```
String Str1 = "Ram", Str2 =
       "Nita", Str3 = "Sita";
Vector ob = new Vector();
ob.addElement(Str1);
ob.addElement(Str2);
ob.insertElementAt(Str3, 1);
```

```
int a = ob.size(); // a=3
ob.removeElement(Str3);
int b = ob.size(); // b=2
```

* Void removeElementAt(int Index):-

This method of Vector class is used to remove object at Specified index from Vector list.

Example:-

```
String Str1 = "Ram", Str2 = "Nita", Str3 = "Sita";
Vector ob = new Vector();
ob.addElement(Str1);
ob.addElement(Str2);
ob.insertElementAt(Str3, 1);
int a = ob.size(); // a=3
ob.removeElementAt(1);
int b = ob.size(); // b=2
```

* Void removeAllElements() :->

This method of Vector class remove all the Object from Vector list.

Example:-

```
String Str1 = "Ram", Str2 = "Nita", Str3 = "Sita";
```