

# Forum:[Hack Forums](#)

Thread: [Opinion needed - Array List or Linked List](#)

**starvinmarvin1** - June 30, 2012, 10:25 am

So basically I need to make a program which stores cd information and I need to write it to file. I need to be able to:

Add,  
Edit or  
Delete the information

So I used the Array List but when written to file the contents are a little shoddy.

I need your opinion will it be better to stay with the array list or maybe go with the linked list?

**anuvab1911** - June 30, 2012, 10:32 am

Guessing from your requirements, it would be better to implement your code through a LinkedList.

<http://chaoticjava.com/posts/linkedlist-vs-arraylist/>

**starvinmarvin1** - June 30, 2012, 10:49 am

(Jun 30, 2012 10:32 AM)anuvab1911 Wrote: [\[CITE\]](#) Guessing from your requirements, it would be better to implement your code through a LinkedList.

<http://chaoticjava.com/posts/linkedlist-vs-arraylist/>

Thanks for your input? . . I was hoping to stay with the array list but I guess I should just stop being lazy

**node.js** - June 30, 2012, 10:53 am

Wait, How are you storing the cd information? Is this a String ArrayList?

**starvinmarvin1** - June 30, 2012, 10:54 am

(Jun 30, 2012 10:53 AM)SoFlawLess\_ Wrote: [\[CITE\]](#) Wait, How are you storing the cd information? Is this a String ArrayList?

Sorry I mention this, yes it is a String Array list

**node.js** - June 30, 2012, 11:02 am

(Jun 30, 2012 10:54 AM)starvinmarvin1 Wrote: [\[CITE\]](#) Sorry I mention this, yes it is a String Array list See that's the problem. Do something like this:

Code import java.util.ArrayList;

public class CDManager {

```
public static void main(String[] args) {  
    ArrayList<CD> cds = new ArrayList<CD>();
```

```
    CD cd1 = new CD();  
    cd1.artist = "SoFlawLess_";
```

```

cd1.name = "Best Hits of SoFlawLess_";
cds.add(cd1);

CD cd2 = new CD();
cd2.artist = "starvinmarvin1";
cd2.name = "Awesome Hits of starvinmarvin1";
cds.add(cd2);

for (CD cd : cds) {
    System.out.println("CD Name: " + cd.name);
    System.out.println("CD Artist: " + cd.artist);
    System.out.println();
}
}
}
Code public class CD {

    public String artist;
    public String name;

}

```

starvinmarvin1 - June 30, 2012, 12:04 pm

(Jun 30, 2012 11:02 AM)SoFlawLess\_ Wrote: [\[CITE\]](#) See that's the problem. Do something like this:

```

Code import java.util.ArrayList;

public class CDManager {

    public static void main(String[] args) {
        ArrayList<CD> cds = new ArrayList<CD>();

        CD cd1 = new CD();
        cd1.artist = "SoFlawLess_";
        cd1.name = "Best Hits of SoFlawLess_";
        cds.add(cd1);

        CD cd2 = new CD();
        cd2.artist = "starvinmarvin1";
        cd2.name = "Awesome Hits of starvinmarvin1";
        cds.add(cd2);

        for (CD cd : cds) {
            System.out.println("CD Name: " + cd.name);
            System.out.println("CD Artist: " + cd.artist);
            System.out.println();
        }
    }
}
Code public class CD {

    public String artist;
    public String name;

```

```
}
```

You make Java seem easy bro. . .but how am I going to take lots of input ?

Thanks for your help?

**anuvab1911** - June 30, 2012, 10:18 pm

Well,to take in lots of input,create a class CD like this as suggested by SoFlawLess\_:

```
Code public class CD{
    public String <info_field_0>;
    public String <info_field_1>;
    public String <info_field_2>;
    public CD(String i0,String i1,String i2){
        <info_field_0>=i0;
        <info_field_1>=i1;
        <info_field_2>=i2;
    }
}
```

Then create an ArrayList or LinkedList in your main class by the name say,cdList by writing it like:

```
Code ArrayList<CD> cdList=new ArrayList<CD>();
Then,the function to add to the list will be something like:
Code public static insertToList(String artist,String name,String date){
    CD cdNew=new CD(artist,name,date);
    cdList.add(cdNew);
}
```

**starvinmarvin1** - July 1, 2012, 11:33 am

Thanks for your help guys.

Got it sorted

**Jire** - July 1, 2012, 5:52 pm

(Jun 30, 2012 11:02 AM)SoFlawLess\_ Wrote: [\[CITE\]](#) See that's the problem. Do something like this:

```
Code import java.util.ArrayList;
```

```
public class CDManager {

    public static void main(String[] args) {
        ArrayList<CD> cds = new ArrayList<CD>();

        CD cd1 = new CD();
        cd1.artist = "SoFlawLess_";
        cd1.name = "Best Hits of SoFlawLess_";
        cds.add(cd1);

        CD cd2 = new CD();
        cd2.artist = "starvinmarvin1";
        cd2.name = "Awesome Hits of starvinmarvin1";
        cds.add(cd2);
    }
}
```

```
    for (CD cd : cds) {  
        System.out.println("CD Name: " + cd.name);  
        System.out.println("CD Artist: " + cd.artist);  
        System.out.println();  
    }  
}
```

Code public class CD {

```
    public String artist;  
    public String name;
```

}Reveal the behavior through an interface (for example, List<?>) rather than implementation (ArrayList<?>)

Also, I believe an array list is the better choice.