

```
1: package com.delta.objects;
2:
3: import android.util.Log;
4:
5: /**
6:  * Created by learnovate on 3/6/14.
7:  */
8: public class Bot {
9:
10:     public final String creatorName = "Spawrks";
11:
12:     private String name = "ROBOT";
13:
14:     public String getName() {
15:         return name;
16:     }
17:
18:     public void setName(String name) {
19:         this.name = name;
20:     }
21:
22:     public final void talk(String whatToSay){
23:         Log.e(getName(), whatToSay);
24:     }
25: }
```

```
1: package com.delta.objects;
2:
3: import android.util.Log;
4:
5: import java.util.ArrayList;
6:
7: /**
8:  * Created by learnovate on 3/6/14.
9:  */
10: public class ComedianBot extends JokeBot{
11:
12:
13:     public ComedianBot(String aName) {
14:         super(null);
15:         setName(aName);
16:         jokesIKnow = JokeWriter.getJokeListTwo();
17:     }
18:
19:     public void performShow(){
20:         talk("Good evening everyone, my name is " + getName());
21:         talk("Why dont I tell you some of my favorite jokes?");
22:
23:         for(Joke joke : jokesIKnow){
24:             sayJoke(joke);
25:         }
26:
27:
28:
29:
30:         talk("Thanks everyone, Goodnight!");
31:     }
32:
33:     @Override
34:     protected void sayJoke(Joke aJoke) {
35:         talk(aJoke.getJokeSetup() + " " + aJoke.getJokePunchline());
36:     }
37: }
```

```
1: package com.delta.objects;
2:
3: /**
4:  * Created by learnovate on 3/5/14.
5:  */
6: public class Joke {
7:
8:     private String jokeSetup;
9:     private String jokePunchline;
10:
11:     public Joke(String jokeSetup, String jokePunchline) {
12:         this.jokeSetup = jokeSetup;
13:         this.jokePunchline = jokePunchline;
14:     }
15:
16:     public String getJokeSetup() {
17:         return jokeSetup;
18:     }
19:
20:     public void setJokeSetup(String jokeSetup) {
21:         this.jokeSetup = jokeSetup;
22:     }
23:
24:     public String getJokePunchline() {
25:         return jokePunchline;
26:     }
27:
28:     public void setJokePunchline(String jokePunchline) {
29:         this.jokePunchline = jokePunchline;
30:     }
31: }
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2:
3: import android.util.Log;
4:
5: import java.util.ArrayList;
6:
7: /**
8:  * Created by learnovate on 3/6/14.
9:  */
10: public class JokeBot extends Bot {
11:
12:     public static ArrayList<Joke> jokesIKnow = null;
13:
14:     public static void setJokesIKnow(ArrayList<Joke> aJokesIKnow){
15:         jokesIKnow = aJokesIKnow;
16:
17:     }
18:
19:     public JokeBot(ArrayList<Joke> aJokesIKnow) {
20:         jokesIKnow = aJokesIKnow;
21:     }
22:
23:     public void tellJoke(){
24:
25:         Double randomNumDouble = new Double(Math.random() * jokesIKnow.size());
26:         int randomNum = randomNumDouble.intValue();
27:
28:         Joke myJoke = jokesIKnow.get(randomNum);
29:
30:         sayJoke(myJoke);
31:
32:     }
33:
34:     protected void sayJoke(Joke aJoke){
35:         talk(aJoke.getJokeSetup());
36:         talk(aJoke.getJokePunchline());
37:     }
38:
39: }
```

```
1: package com.delta.objects;
2:
3: import java.lang.reflect.Array;
4: import java.util.ArrayList;
5:
6: /**
7:  * Created by learnovate on 3/5/14.
8:  */
9: public class JokeWriter {
10:
11:     public static ArrayList<Joke> getJokeListOne(){
12:
13:         Joke j;
14:         ArrayList<Joke> jokeList = new ArrayList<Joke>();
15:
16:         jokeList.add(new Joke("Why couldn't the bicycle stand up?",
17:                                "Because it was two tired"));
18:         jokeList.add(new Joke("What do you call a cheese that isn't yours?",
19:                                "Nacho Cheese!"));
20:         jokeList.add(new Joke("Before I criticize a man, I like to walk a mile in his shoes.",
21:                                "That way, when I do criticize him, I'm a mile away and I have his shoes."));
22:         jokeList.add(new Joke("What do you call a fish with no eye?",
23:                                "Fssssh"));
24:         jokeList.add(new Joke("Have you heard the one about the Corduroy pillow?",
25:                                "It's making HEADLINES!"));
26:         jokeList.add(new Joke("What's red and bad for your teeth?",
27:                                "A brick."));
28:         return jokeList;
29:     }
30:
31:     public static ArrayList<Joke> getJokeListTwo(){
32:
33:         Joke j;
34:         ArrayList<Joke> jokeList = new ArrayList<Joke>();
35:
36:         jokeList.add(new Joke("Why didn't the melons get married?",
37:                                "Because they cantaloupe!"));
38:         jokeList.add(new Joke("What did the cobbler say when a cat wandered into his shop?",
39:                                "Shoe!"));
40:         jokeList.add(new Joke("What did the Buddhist say to the hot dog vendor?",
41:                                "Make me one with everything!"));
42:         jokeList.add(new Joke("The face of a child can say it all",
43:                                "especially the mouth part of the face.));
44:         jokeList.add(new Joke("Why did the cookie go to the hospital?",
45:                                "Because he felt crummy.));
46:         jokeList.add(new Joke("I intend to live forever...",
47:                                "So far, so good.));
48:         return jokeList;
```

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49:
50:     }
51:
52: }
```

```
1: package com.delta.objects;
2:
3: import android.app.Activity;
4: import android.os.Bundle;
5: import android.speech.tts.TextToSpeech;
6: import android.util.Log;
7: import android.view.Menu;
8: import android.view.MenuItem;
9:
10: import java.util.ArrayList;
11: import java.util.Locale;
12:
13: public class ObjectActivity extends Activity{
14:
15:     private Joke myJoke = null;
16:
17:     @Override
18:     protected void onCreate(Bundle savedInstanceState) {
19:         super.onCreate(savedInstanceState);
20:         setContentView(R.layout.activity_object);
21:
22:
23:         Bot myBot = new Bot();
24:
25:         Joke j = new Joke("I wondered why the baseball was getting bigger?" ,"then it hit me");
26:         Joke anotherJoke = new Joke("I learned sign language" , "it's very handy");
27:
28:         ArrayList<Joke> someJokes = JokeWriter.getJokeListOne();
29:         JokeBot jokeBot = new JokeBot(someJokes);
30:         jokeBot.tellJoke();
31:
32:         jokeBot.jokesIKnow = JokeWriter.getJokeListTwo();
33:         JokeBot.jokesIKnow = JokeWriter.getJokeListOne();
34:
35:         ComedianBot drHilarious = new ComedianBot("DrHilarious");
36:         drHilarious.performShow();
37:
38:
39:
40:     }
41:
42:
43:     @Override
44:     public boolean onCreateOptionsMenu(Menu menu) {
45:
46:         // Inflate the menu; this adds items to the action bar if it is present.
47:         getMenuInflater().inflate(R.menu.object, menu);
48:         return true;

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```
49:     }
50:
51:     @Override
52:     public boolean onOptionsItemSelected(MenuItem item) {
53:         // Handle action bar item clicks here. The action bar will
54:         // automatically handle clicks on the Home/Up button, so long
55:         // as you specify a parent activity in AndroidManifest.xml.
56:         int id = item.getItemId();
57:         if (id == R.id.action_settings) {
58:             return true;
59:         }
60:         return super.onOptionsItemSelected(item);
61:     }
62:
63: }
```


1	objects/src/main/java/com/delta/objects/Bot.java	1	pages	25	lines	14/09/18	15:40:06
2	objects/src/main/java/com/delta/objects/ComedianBot.java	1	pages	37	lines	14/09/18	15:40:06
3	objects/src/main/java/com/delta/objects/Joke.java	1	pages	31	lines	14/09/18	15:40:06
4	objects/src/main/java/com/delta/objects/JokeBot.java	1	pages	39	lines	14/09/18	15:40:06
5	objects/src/main/java/com/delta/objects/JokeWriter.java	2	pages	52	lines	14/03/06	15:45:06
6	objects/src/main/java/com/delta/objects/ObjectActivity.java	2	pages	63	lines	14/09/18	15:40:06