MainActivity.java

**package** com.example.jevitha.a10\_1\_alertdialogwithcheck;

**import** android.app.AlertDialog;

**import** android.content.DialogInterface;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.util.Log;

**import** android.widget.Toast;

**import** java.util.ArrayList;

**public class** MainActivity **extends** AppCompatActivity {

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**final** String[] items = {**" PHP"**, **" JAVA"**, **" JSON"**, **" C#"**, **" Objective-C"**};

**final** ArrayList itemsSelected = **new** ArrayList();

AlertDialog.Builder builder = **new** AlertDialog.Builder(**this**);

builder.setTitle(**"Select Languages you know : "**);

builder.setMultiChoiceItems(items, **null**,

**new** DialogInterface.OnMultiChoiceClickListener() {

@Override

**public void** onClick(DialogInterface dialog, **int** selectedItemId,

**boolean** isSelected) {

**if** (isSelected) {

Toast.*makeText*(getApplicationContext(),**"Adding - "**+items[selectedItemId],Toast.***LENGTH\_SHORT***).show();

itemsSelected.add(items[selectedItemId]);

} **else if** (itemsSelected.contains(items[selectedItemId])) {

Toast.*makeText*(getApplicationContext(),**"Removing - "**+items[selectedItemId],Toast.***LENGTH\_SHORT***).show();

itemsSelected.remove(items[selectedItemId]);

}

}

});

builder.setPositiveButton(**"Done!"**, **new** DialogInterface.OnClickListener() {

@Override

**public void** onClick(DialogInterface dialog, **int** id) {

**for**(**int** i=0;i<itemsSelected.size();i++){

Log.*d*(**"Alert"**,itemsSelected.get(i).toString());

}

}

});

builder.setNegativeButton(**"Cancel"**, **new** DialogInterface.OnClickListener() {

@Override

**public void** onClick(DialogInterface dialog, **int** id) {

*//Your logic when Cancel button is clicked*

}

});

builder.show();

}

}