

## EXTRA CREDIT

### MOCK Tests

#### Test 1.

```
package com.example.avjindersinghsekhon.minimaltodo.Utility;

import android.support.v7.widget.RecyclerView;

import org.junit.Assert;
import org.junit.Before;
import org.junit.Test;
import org.mockito.Mockito;

import static org.junit.Assert.*;

public class ItemTouchHelperClassTest {
    ItemTouchHelperClass itemTouchHelperClass;

    @Before
    public void init() {
        itemTouchHelperClass = new ItemTouchHelperClass(new
ItemTouchHelperClass.ItemTouchHelperAdapter() {
            @Override
            public void onItemMoved(int fromPosition, int toPosition) {

            }

            @Override
            public void onItemRemoved(int position) {

            }
        });
    }

    @Test
    public void isLongPressDragEnabled() {
        Assert.assertEquals(true,itemTouchHelperClass.isLongPressDragEnabled());
    }

    @Test
    public void isItemViewSwipeEnabled() {
        Assert.assertEquals(true,itemTouchHelperClass.isItemViewSwipeEnabled());
    }

    @Test
    public void getMovementFlags() {
        RecyclerView mock = Mockito.mock(RecyclerView.class);
        RecyclerView.ViewHolder viewHolder = Mockito.mock(RecyclerView.ViewHolder.class);
        int i = itemTouchHelperClass.getMovementFlags(mock,viewHolder);
    }
}
```

```

        Assert.assertTrue(i > 0);
    }

    @Test
    public void onMove() {
        RecyclerView mock = Mockito.mock(RecyclerView.class);
        RecyclerView.ViewHolder viewHolder = Mockito.mock(RecyclerView.ViewHolder.class);

        itemTouchHelperClass.onMove(mock, viewHolder, viewHolder);
    }

    @Test
    public void onSwiped() {
        RecyclerView mock = Mockito.mock(RecyclerView.class);
        RecyclerView.ViewHolder viewHolder = Mockito.mock(RecyclerView.ViewHolder.class);
        itemTouchHelperClass.onSwiped(viewHolder, 1);
    }
}

```

## Test 2.

```

package com.example.avjindersinghsekhon.minimaltodo.Utility;

import android.app.Notification;
import android.app.NotificationManager;
import android.content.Intent;

import org.junit.Before;
import org.junit.Test;
import org.mockito.Mockito;

import static org.junit.Assert.*;
import static org.mockito.ArgumentMatchers.anyString;
import static org.mockito.Mockito.mock;
import static org.mockito.Mockito.when;

public class TodoNotificationServiceTest {
    public static final String TODOTEXT = "com.avjindersekhon.todonotificationservicetext";
    public static final String TODOUUID = "com.avjindersekhon.todonotificationserviceuuid";
    private TodoNotificationService todoNotificationService;

    @Before
    public void init() {
        NotificationManager manager = mock(NotificationManager.class);
        Notification notification = mock(Notification.class);
        todoNotificationService = new TodoNotificationService(manager, notification);
    }

    @Test
    public void testIntent() {

```

```
Intent intent = mock(Intent.class);
when(intent.getStringExtra(anyString())).thenReturn(TODOTEXT);
todoNotificationService.onHandleIntent(intent);
}

}
```