# Review Test Submission: [Raw] Lesson 4 Quiz B

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| Course | 1930 ISTD - 50.001 : Introduction to Information Systems & Programming |
| Test | [Raw] Lesson 4 Quiz B |
| Started | 11/30/19 2:13 PM |
| Submitted | 11/30/19 2:15 PM |
| Status | Completed |
| Attempt Score | 9 out of 9 points |
| Time Elapsed | 2 minutes |
| Results Displayed | Submitted Answers, Incorrectly Answered Questions |

## Question 1

2 out of 2 points

In the code below, a **RecyclerView** widget is to use data from an adapter, **CharaAdapter**.

In addition, the individual Views in the **RecyclerView** are to be displayed vertically, in a linear fashion.

```
public class MainActivity extends AppCompatActivity {

    RecyclerView recyclerView;
    CharaAdapter charaAdapter;
    DataSource dataSource;

    /** other code now shown */
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Toolbar toolbar = (Toolbar) findViewById(R.id.toolbar);
        setSupportActionBar(toolbar);

        /** other code not shown */
        recyclerView = findViewById(R.id.charaRecyclerView);
        charaAdapter = new CharaAdapter( context: this, dataSource);
        recyclerView.setAdapter(      A      );
        recyclerView.setLayoutManager(                    B                    );
    }
}
```

Fill in the parts marked A and B.

A: **[a]** (case-sensitive)

B: **[b]** (case-sensitive)

Specified Answer for: a charaAdapter

Specified Answer for: b new LinearLayoutManager(this)

## Question 2

1 out of 1 points

In the following code, **MainActivity** inherits from **AppCompatActivity**.

```
public class MainActivity extends AppCompatActivity {
    /** rest of code not shown */
```

In the documentation of AppCompatActivity, a **Context** class is mentioned.

What type of class is **Context**?

*Hint: click on the link within the documentation.*

Selected Answer: abstract class

## Question 3

1 out of 1 points

In the following code, **MainActivity** inherits from **AppCompatActivity**.

```
public class MainActivity extends AppCompatActivity {
    /** rest of code not shown */
```

From the documentation of AppCompatActivity, the method **findViewById()** that can be used in **MainActivity** is inherited from **AppCompatActivity**.

*Hint: scroll down in the documentation and notice that the methods available are listed in several categories.*

Selected Answer: True

## Question 4

1 out of 1 points

In the following code, **MainActivity** inherits from **AppCompatActivity**.

```
public class MainActivity extends AppCompatActivity {
    /** rest of code not shown */
```

From the documentation of AppCompatActivity, **MainActivity** is also a subclass of **Context**.

Selected Answer: True

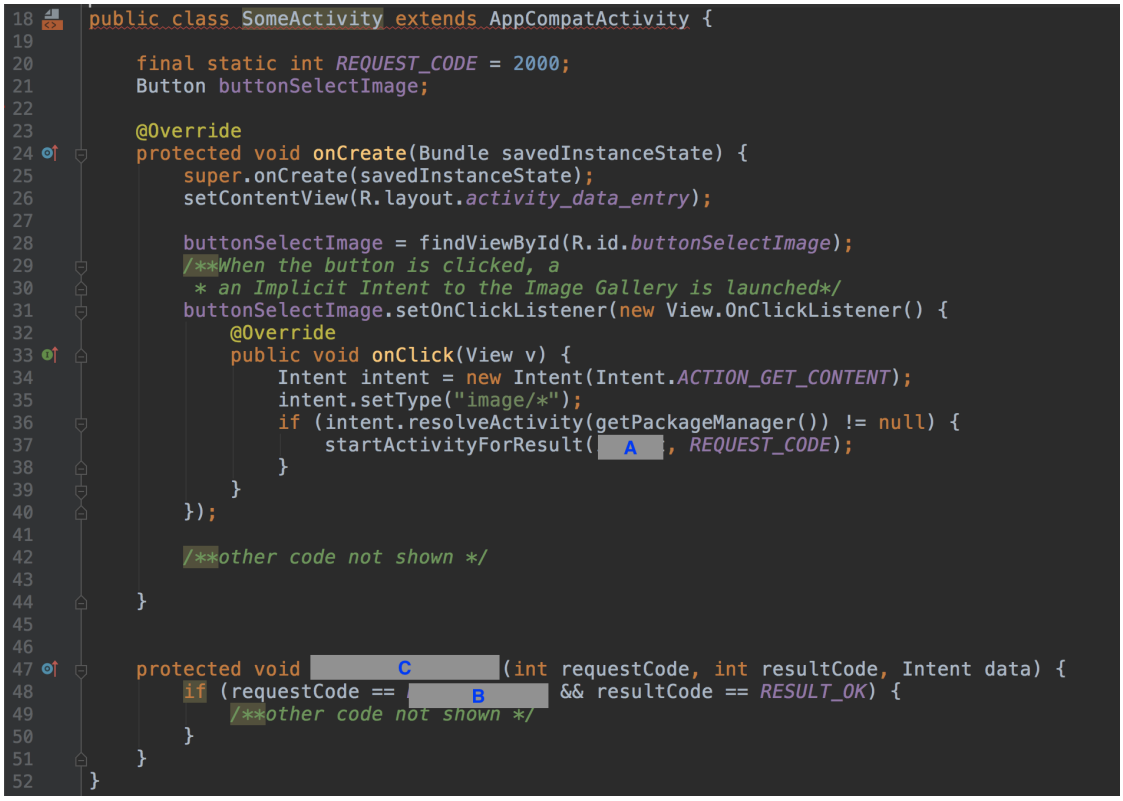
## Question 5

4 out of 4 points

Part of **SomeActivity.java** is shown.

In the code, when a button **buttonSelectImage** is clicked, it brings the user to the Image gallery, and receives the result of the user's choice.

Fill in the missing code marked **A**, **B** and **C**. Also, state the type of intent.



```
public class SomeActivity extends AppCompatActivity {

    final static int REQUEST_CODE = 2000;
    Button buttonSelectImage;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_data_entry);

        buttonSelectImage = findViewById(R.id.buttonSelectImage);
        /**When the button is clicked, a
         * an Implicit Intent to the Image Gallery is launched*/
        buttonSelectImage.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(Intent.ACTION_GET_CONTENT);
                intent.setType("image/*");
                if (intent.resolveActivity(getPackageManager()) != null) {
                    startActivityForResult( A , REQUEST_CODE);
                }
            }
        });

        /**other code not shown */

    }


    protected void  C  (int requestCode, int resultCode, Intent data) {
        if (requestCode ==  B  && resultCode == RESULT_OK) {
            /**other code not shown */
        }
    }
}
```

A: **[a]** (case-sensitive)

B: **[b]** (case-sensitive)

C: **[c]** (case-sensitive)

The code above shows a/an **[d]** (**implict** / **explicit**, not case-sensitive) intent.

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|---|---|
| Specified Answer for: a | intent |
| Specified Answer for: b | REQUEST_CODE |
| Specified Answer for: c | onActivityResult |
| Specified Answer for: d | implicit |

Saturday, November 30, 2019 2:15:52 PM SGT

← OK