My SUTD   **Courses**   Services   Copyri   👤 Heng Jing Han .   **58** ▼

🏠 | Content   Android Lesson 2   **Review Test Submission: [Raw] Lesson 2 Quiz A**

Review Test Submission: [Raw] Lesson 2 Quiz A

User	Heng Jing Han .
Course	1930 ISTD - 50.001 : Introduction to Information Systems & Programming
Test	[Raw] Lesson 2 Quiz A
Started	11/15/19 3:42 PM
Submitted	11/15/19 3:43 PM
Status	Completed
Attempt Score	12 out of 12 points
Time Elapsed	1 minute
Results Displayed	Submitted Answers, Incorrectly Answered Questions

Question 1

1 out of 1 points

In one of your android apps, you write code such that:

> When the user clicks a button, any dialer app that is available on the phone is launched with a specific phone number displayed. If there is more than one such dialer app present, the user is asked to choose.

You may read the common intents page for an example of the code needed.

This is an example of a/an _____.

  Selected Answer: Implicit Intent

Question 2

3 out of 3 points

The user clicks an app icon on the phone to launch his/her favourite android app.

A few milliseconds later, the first Activity of this app is displayed on the screen.

During this process, which of the following three callbacks of the Android Activity Lifecycle has been invoked, and in which sequence?

Question	Selected Match
1st	F. onCreate()
2nd	B. onStart()
3rd	D. onResume()

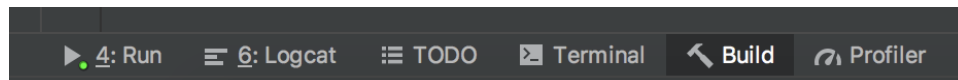## Question 3

1 out of 1 points

Consider the following code.

```
1        package com.example.questionsapp;
2
3      import ...
10
11      public class MainActivity extends AppCompatActivity {
12
13          Button button;
14          final String TAG = "Pikachu";
15          @Override
16          protected void onCreate(Bundle savedInstanceState) {
17              super.onCreate(savedInstanceState);
18              setContentView(R.layout.activity_main);
19              //OTHER CODE NOT SHOWN
20              Log.i(TAG, msg: "some message for information");
21          }
22      }
23
```

The statement at **Line 20** prints a message which you can view when the app is running.

Which tab at the bottom of android studio would you go to view the message?

▶. 4: Run   ≡ 6: Logcat   ≔ TODO   ⌦ Terminal   ⚒ Build   ⌁ Profiler

  Selected Answer: Logcat

Question 4

1 out of 1 points

The **strings.xml** file stores all the string constants that are used in an android app.

Which folder is **strings.xml** stored in?

Choose **one** answer.

  Selected Answer: res/values

Question 5

3 out of 3 points

There are two Activities in an android app:

- MainActivity.java, whose layout is in activity_main.xml,
- DataEntryActivity.java, whose layout is in activity_data_entry.xml

Part of the code for MainActivity.java is shown. You are to write code to bring the user from MainActivity to DataEntryActivity, when a button is clicked. Fill in the missing parts of the code marked A and B at Line 22.

```
10 □   public class MainActivity extends AppCompatActivity {
11
12         Button button;
13         @Override
14 ○↑      protected void onCreate(Bundle savedInstanceState) {
15             super.onCreate(savedInstanceState);
16             setContentView(R.layout.activity_main);
17             //OTHER CODE NOT SHOWN
18             button = findViewById(R.id.button);
19             button.setOnClickListener(new View.OnClickListener() {
20                 @Override
21 ○↑              public void onClick(View v) {
22                     Intent intent = new( A_, B_);
23                     startActivity(intent);
24                 }
25             });
26         }
27     }
28
```

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

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

The code above is an example of a/an **[c]** intent. This answer is not case-sensitive.

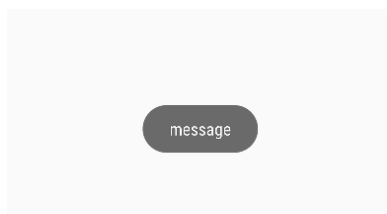|	
Specified Answer for: a	MainActivity.this
Specified Answer for: b	DataEntryActivity.class
Specified Answer for: c	explicit

Question 6

3 out of 3 points

The code at Line 19 displays a **Toast** as soon as the app is launched.

```
1      package com.example.questionsapp;
2
3      import ...
11
12 □   public class MainActivity extends AppCompatActivity {
13
14         Button button;
15         @Override
16 ○↑      protected void onCreate(Bundle savedInstanceState) {
17             super.onCreate(savedInstanceState);
18             setContentView(R.layout.activity_main);
19             Toast.makeText(       A       ,   text: "message",        B        ). C  ;
20         }
21     }
22
```

The Toast, when displayed, is for the LENGTH_LONG duration and is seen as follows.

```
message
```

Fill in the blank for A, B and C at Line 19. Do not put any spaces.

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

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

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

Specified Answer for: a   MainActivity.this

Specified Answer for: b   Toast.LENGTH_LONG

Specified Answer for: c   show()

Friday, November 15, 2019 3:43:54 PM SGT

← **OK**