



Review Test Submission: [Raw] Lesson 1: Quiz

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Course	1930 ISTD - 50.001 : Introduction to Information Systems & Programming
Test	[Raw] Lesson 1: Quiz
Started	11/7/19 1:34 PM
Submitted	11/7/19 1:37 PM
Status	Completed
Attempt Score	10 out of 10 points
Time Elapsed	2 minutes
Results Displayed	Submitted Answers, Incorrectly Answered Questions

Question 1

1 out of 1 points



Consider the following class **Album**, which has an inner class called **Track**.

The **Album** class also has variables at Line 5 to 7 with different modifiers.

At **line 20**, the constructor of **Track** is trying to print out these variables belonging to **Album**.

Which variables at Line 5 to 7 can the constructor of **Track** access?

```
1 package onlinequiz;
2
3 public class Album {
4
5     private String albumTitle;
6     int numberOfTracks;
7     static final String companyName = "Turtle Records";
8
9     @ Album(String albumTitle, int numberOfTracks){
10         this.albumTitle = albumTitle;
11         this.numberOfTracks = numberOfTracks;
12     }
13
14     class Track{
15
16         String trackName;
17
18         Track(String trackName){
19             this.trackName = trackName;
20             System.out.println( );
21         }
22     }
23 }
24
25
```

Selected Answer: albumTitle, numberOfTracks, companyName

Question 2

1 out of 1 points



The following attribute appears in an XML tag for an android widget.

`android:layout_height="match_parent"`

Which of the following statements is true?

Selected Answer: The height of the widget is equal to the height of its parent layout.

Question 3

1 out of 1 points



```
public class OuterClass {
```

```
//not shown
```

```
    class InnerClass{
```

```
//not shown
```

```
    }
```

Given the class definitions above, as long as InnerClass is not declared static, the methods in InnerClass can access the instance variables of OuterClass.

Selected Answer: True

Question 4

1 out of 1 points



Which of the following image filenames are **suitable** to be placed in the drawables folder of an android app?

Selected Answers: duck_copy.png

duck.png

duck_.png

duck200.png

Question 5

1 out of 1 points



The following attribute appears in an XML tag for an android widget.

`android:layout_width="wrap_content"`

Which of the following statements is true?

Selected Answer: The width of the widget adjusts to fit its contents exactly.

Question 6

1 out of 1 points



A widget in the activity_main.xml layout file has the following information.

```
<EditText
    android:id="@+id/value1"
    android:hint="Enter a value"
    android:layout_width="match_parent"
    android:layout_height="wrap_content" />
```

How do you identify this widget using the R class? The answer is case sensitive.

Selected Answer: R.id.value1

Question 7

1 out of 1 points



In **MainActivity.java**, you are writing code to get a Button object to respond to clicks.

(You do not require the user to press and hold).

What is the method name that you should invoke?

The method name is _____.

Your input is case sensitive.

Selected Answer: setOnClickListener()

Question 8

1 out of 1 points



Study the following class definitions.

C is a nested class of A.

```
package onlinequiz;

class A {
    //no-arg constructor not shown

    class C {
        //no-arg constructor not shown
    }
}
```

What code should be written in main() below to instantiate C?

```
package onlinequiz;

public class TestingClass {
    public static void main(String[] argv){
        //Instantiate C
    }
}
```

Selected Answer: `A.C c = new A().new C();`

Question 9

1 out of 1 points



To make a **View** object respond to clicks, what kind of object is passed to the instance method **setOnClickListener()**?

Select the best answer.

Selected Answer: An object that implements View.OnClickListener interface

Question 10

1 out of 1 points



Which of the following statements regarding the TextView class, Button class and View class in Android is/are true?

<https://developer.android.com/reference/android/widget/Button>

Selected Answers: Button is a subclass of TextView

Button is a subclass of View

TextView is a subclass of View.

Thursday, November 7, 2019 1:37:11 PM SGT

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