

Course No: MIS 3310
Course Title: Topics in Computer
Information Systems 1 (Mobile
Computing)
Date: 25/03/2014
No. of Questions: (3)
Time: 1hours
Using Calculator (No)

University of Palestine



Midterm Exam
Spring 2013/2014
Total Grade: 30

Instructor Name: Dr. Said Marouf
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (No)

Question One: 10 Points

Specify whether the following statements are true or false:

#	Statement	T/F
1	<i>onClick</i> listeners can only be defined via anonymous classes.	
2	The <i>id</i> of a <i>Button</i> is defined within the <i>strings.xml</i> file.	
3	Explicit intents specify the target component using its Java class identifier.	
4	The method <i>findViewById</i> is used to reference a <i>View</i> that is defined within an XML layout file.	
5	Android Layouts can be created both dynamically and statically.	
6	All density levels (ldpi, mdpi, hdpi) of a <i>drawable</i> resource must be provided within an Android application.	
7	When receiving data from another activity, we should use the method <i>startActivity</i>	
8	In a <i>HashMap</i> , a key can be mapped to multiple values.	
9	Anonymous classes must have a clear and readable name.	
10	The proper method for defining String values within an Android application is using the <i>strings.xml</i> file.	

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Question Two: 13 Points

Write the necessary code to perform the following:

a) Create a simple AlertDialog that has a title “*Delete File*”, a message of “*Do you want to delete this file?*”, a negative button with a title “*No*”, and a positive button of “*Yes*”. Once you build the alert dialog, you should create and show it.

b) Create a reference to a **Button** that is defined within an XML layout. Assume the *id* of the button is “doneButton”.

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e) Set an *onClickListener* for a button named “myButton”. Use the anonymous class method to do so.

d) Print a debug log message with a tag “dTag” and a message “Hello Android”.

e) Create an Intent that calls the following phone number: 6087889999

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Question Three: 7 Points

Describe what the following code snippets do. *You must be specific and provide a clear answer for each line of code. You can also illustrate your answer with drawings when suitable.*

a)

```
1) final CharSequence[] its = {"Blue", "Green"};
2) AlertDialog.Builder b = new AlertDialog.Builder(this);
3) builder2.setTitle("Pick a color").
4) setSingleChoiceItems(its,0,new DialogInterface.OnClickListener(){
5)     public void onClick(DialogInterface dialog, int which) {
6)         Log.d(tag, itms[which] + "");
       }
});
```

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c)

```
1) EditText email = (EditText)findViewById(R.id.editText1);  
2) if(!android.util.Patterns.EMAIL_ADDRESS.matcher(email.getText().  
   toString()).matches()) {  
3)     email.setError("Invalid email format!");  
   }
```

d)

```
1) Intent i = new Intent("com.mobileapps.ACTIVITYB");  
2) startActivity(i);
```