

CS591_Mobile HW3

Team Members: Tiancheng Zhu, Alex Vardanyan, Ruizhi Jiang, Tianqi Tan

Multiple-Choice Exercises

1. How do we import View.OnClickListener (if we want to use code like View.OnClickListener listener;)? **Importing the View class is sufficient**

- Importing the View class is sufficient
- It is automatically imported
- We must import View.OnClickListener;
- We must import OnClickListener;

2. What is the name of the abstract method of View.OnClickListener?
onClick

- listen
- click
- onClick
- clickListen

3. What method of the ViewGroup class do we use to add a child View to a parent View? **addView**

- addChild
- addView
- moreView
- newView

4. We are coding inside the private class Y, which is coded inside the public class X. How do we access the current object of the Y class?

this

- this
- X.this
- Y.this
- this.X

5. We are coding inside the private class Y, which is coded inside the public class X. How do we access the current object of the X class?

X.this

- this
- X.this
- Y.this
- this.X

6. How do we retrieve the size of the screen (assuming that size is a

Point object reference)?

getWindowManager().getDefaultDisplay().getSize(size);

- getWindowManager().getSize();
- getDefaultDisplay().getSize();
- getWindowManager().getDefaultDisplay().getSize(size);
- getWindowManager().getDefaultDisplay().getSize();

7. What is the data type of this in the code GridLayout gridLayout = new GridLayout(this)? **Context**

- GridLayout
- Context
- Grid
- View

8. What method of the GridLayout class do we use to set the number of rows of the grid? **setRowCount**

- setRows
- setRowCount
- setCount
- numberOfRows

9. What method of the Activity class do we use to set the view for an activity? **setContentView**

- `setLayout`
- `setContentView`
- `setView`
- `view`

10. Inside an Activity class, how do we instantiate a button? **Button b = new Button(this);**

- `Button b = new Activity();`
- `Button b = new Button();`
- **`Button b = new Button(this);`**
- `Button b = new Button(Activity);`

11. What class is used by views to tell their parents how they want to be laid out? **LayoutParams**

- `Layout`
- `Params`
- `ViewParams`
- **`LayoutParams`**

12. What method do we use to specify the alignment of the text within a TextView? **setGravity**

- setAlignment
- center
- setGravity
- align