

Reg No. : **ICT-G-4-0879-19**

**Notes Android Application activities.**

# Java

**# Activity 1**

**# Add note activity**

```
import android.app.Activity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class AddNoteActivity extends Activity {

    private EditText edtTitle;
    private EditText edtNote;
    private TextView tvNote;
    private Button btnAdd;

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

        edtTitle = (EditText) findViewById(R.id.edtTitle);
        edtNote = (EditText) findViewById(R.id.edtNote);
        tvNote = (TextView) findViewById(R.id.tvNote);
```

```

btnAdd = (Button) findViewById(R.id.btnAdd);

btnAdd.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        // Get the user input
        String title = edtTitle.getText().toString();
        String note = edtNote.getText().toString();

        // Display the user input in the TextView
        tvNote.setText(title + ": " + note);
    }
});
}
}

```

## **# Activity 2**

### **# Read note activity**

```

import android.app.Activity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;

public class ReadNoteActivity extends Activity {
    TextView noteTextView;

```

Button closeButton;

@Override

protected void onCreate(Bundle savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.read\_note\_layout);

    //Get the note text from the intent

    String noteText = getIntent().getExtras().getString("noteText");

    //Get references to the UI widgets

    noteTextView = (TextView) findViewById(R.id.note\_text);

    closeButton = (Button) findViewById(R.id.close\_button);

    //Set the note text

    noteTextView.setText(noteText);

    //Set the close button listener

    closeButton.setOnClickListener(new View.OnClickListener() {

        @Override

        public void onClick(View v) {

            finish();

        }

    });

}

}

### # Activity 3

#### # Delete note activity

```
import android.app.Activity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;


public class DeleteNoteActivity extends Activity {


    private EditText noteName;

    private Button deleteNoteButton;


    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_delete_note);


        // Initialize the views

        noteName = findViewById(R.id.noteName);

        deleteNoteButton = findViewById(R.id.deleteNoteButton);


        // Set the click listener for the delete button

        deleteNoteButton.setOnClickListener(new View.OnClickListener() {

            @Override

            public void onClick(View v) {

                deleteNote();

            }

        });

    }

}
```

```

    }

    private void deleteNote() {
        // Get the note name from the EditText
        String noteNameText = noteName.getText().toString();

        // Delete the note from the database
        NotesDB db = new NotesDB(this);
        db.deleteNote(noteNameText);

        // Show a toast message to confirm the deletion
        Toast.makeText(this, "Note deleted successfully", Toast.LENGTH_SHORT).show();

        // Clear the EditText
        noteName.getText().clear();
    }
}

```

#### **# Activity 4**

##### **# Edit note activity**

```

import android.app.Activity;
import android.os.Bundle;
import android.widget.EditText;
import android.widget.Button;

public class EditNoteActivity extends Activity {
    EditText editText;
    Button saveButton;
}

```

```
@Override  
public void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.edit_note_layout);  
    editText = findViewById(R.id.edit_text);  
    saveButton = findViewById(R.id.save_button);  
    saveButton.setOnClickListener(v -> {  
        String text = editText.getText().toString();  
        // save the text in shared preferences or a database  
    });  
}  
}
```