Assignment 1

Report
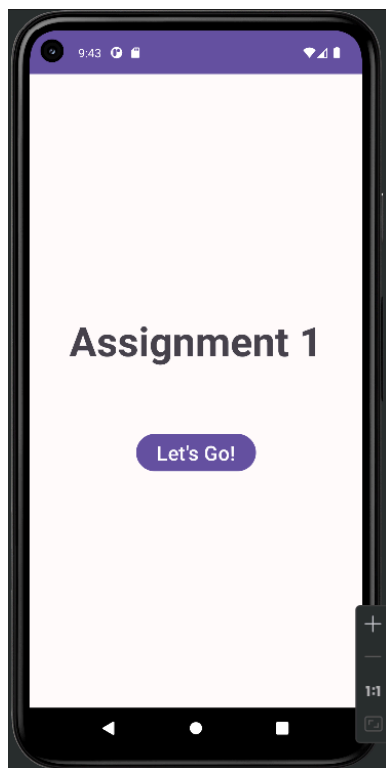
—

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Strings Resources

```xml
<resources>
    <string name="app_name">Assignment 1</string>
    <string name="title">Assignment 1</string>
    <string name="go_btn">Let\'s Go!</string>
    <string name="nameInputBox">Name:</string>
    <string name="submit_btn">Submit</string>
    <string name="error_msg">Please enter your name</string>
</resources>
```
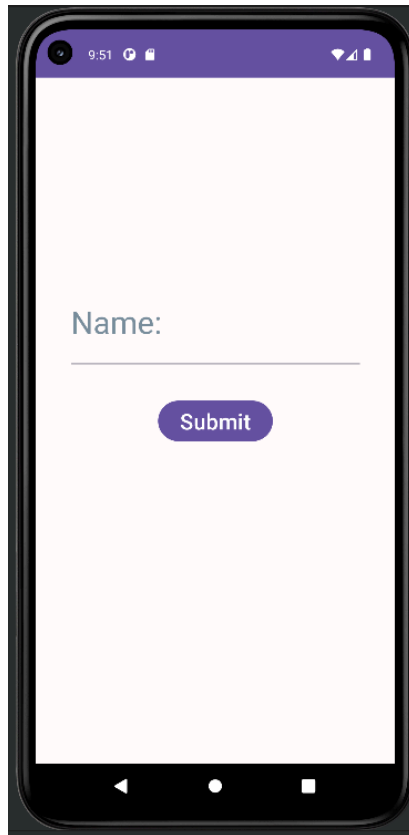
Main Activity


```java
public class MainActivity extends AppCompatActivity {

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

        Button go_btn = findViewById(R.id.go_btn);
        go_btn.setOnClickListener(v -> {
            Intent intent = new Intent( packageContext: MainActivity.this, SecondActivity.class);
            startActivity(intent);
        });
    }
}
```

When the user presses the go_btn(Let's Go!), it will bring the user to Second Activity.

Second Activity


```java
public class SecondActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_second);

        final EditText nameInput = findViewById(R.id.nameInputBox);
        Button showToastButton = findViewById(R.id.submit_btn);
        final TextView message = findViewById(R.id.messageTextView);

        showToastButton.setOnClickListener(v -> {
            String userName = nameInput.getText().toString().trim();

            if (!userName.isEmpty()){
                message.setText("");
                Toast.makeText( context: SecondActivity.this, text: "Hi, " + userName, Toast.LENGTH_SHORT).show();
            }else{
                message.setText(R.string.error_msg);
            }
        });
    }
}
```
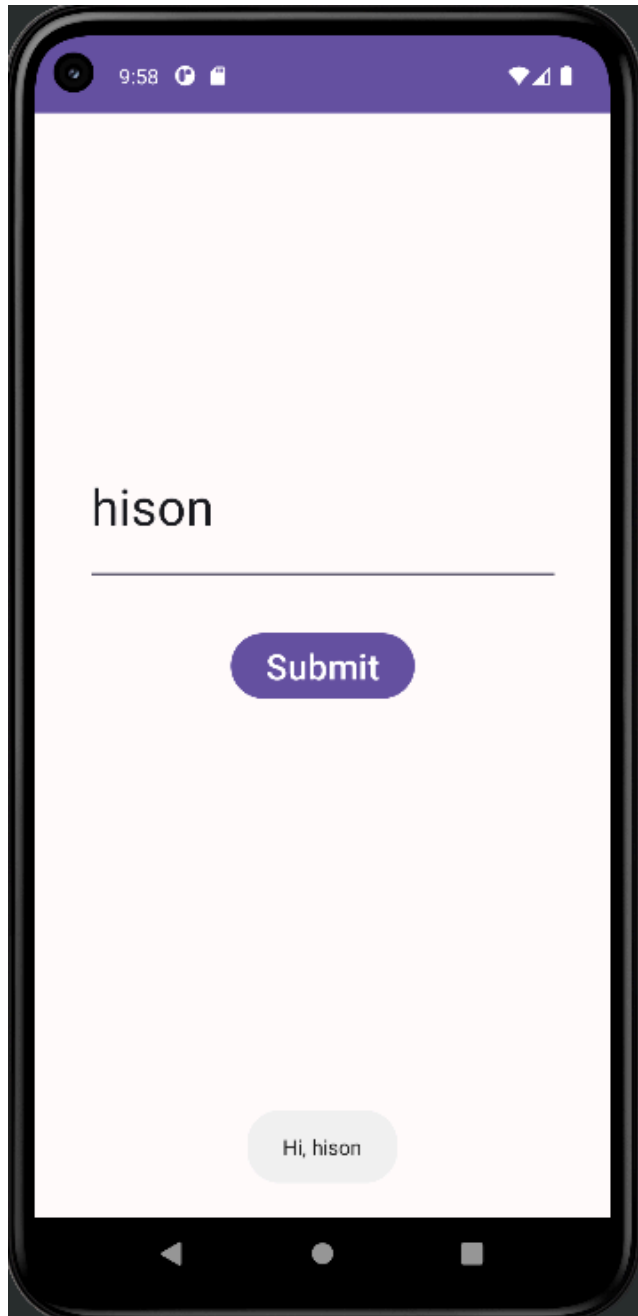
There is an input box with placeholder(Name:) that allows users input their name.

If users have input their name, they can press submit_btn(Submit) and it will show a toast saying "Hi, 'name'", like the example shows below:

If users do not enter anything into the input box and they press the submit_btn, it will show an alert "Please enter your name", like the example shows below: