

Practical – 2 [B]

Aim: Create an android app that demonstrates savedInstanceState.

```
package com.dhevaakar.myapplication.practical_2;

import ...

2 usages
public class SavedInstanceState_Prac_2b extends AppCompatActivity {

    3 usages
    String msg = "";
    Button button;
    6 usages
    EditText editText;

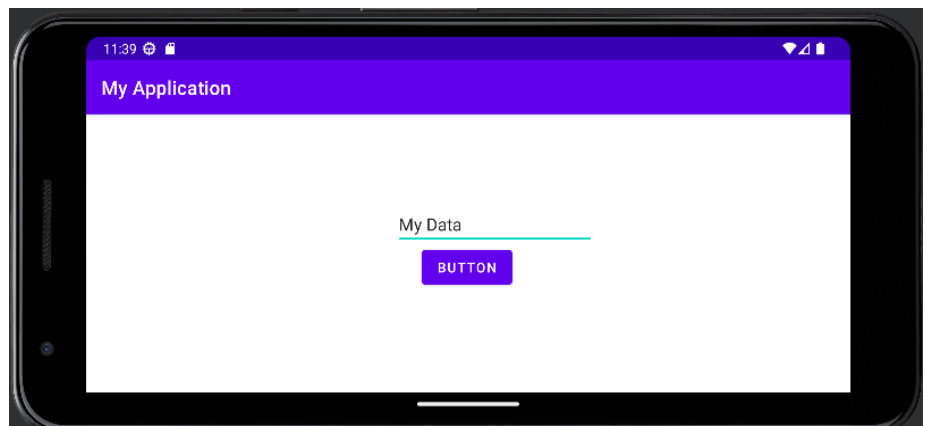
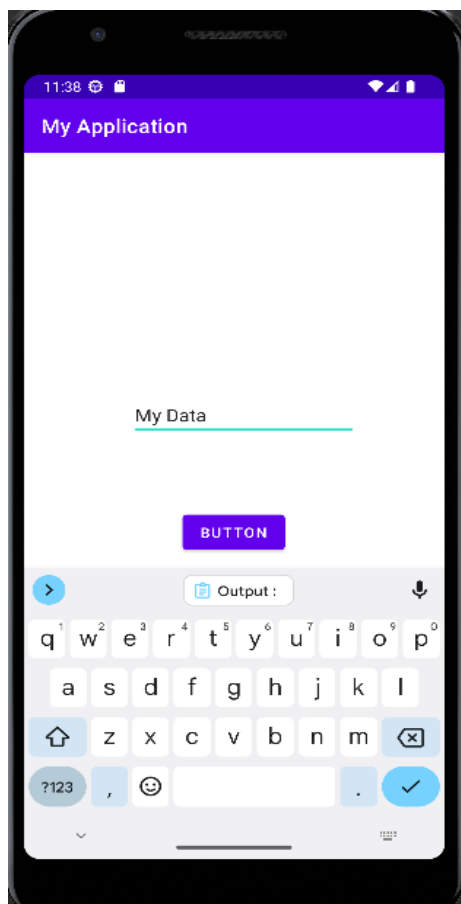
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_saved_instance_state_prac2b);

        findViewById(R.id.button).setOnClickListener(new View.OnClickListener(){
            @Override
            public void onClick(View view){
                editText = findViewById(R.id.editText);
                Log.d(msg, editText.getText().toString());
            }
        });
    }
}
```

```
@Override
protected void onSaveInstanceState(@NonNull Bundle outState){
    super.onSaveInstanceState(outState);
    Log.d(msg, msg: "In saved instance state");
    editText = findViewById(R.id.editText);
    CharSequence writtenData = editText.getText();
    outState.putCharSequence("MySavedData", writtenData);
}

@Override
protected void onRestoreInstanceState(@NonNull Bundle savedInstanceState){
    super.onRestoreInstanceState(savedInstanceState);
    Log.d(msg, msg: "In Restored Instance State");
    CharSequence storedData = savedInstanceState.getCharSequence(key: "MySavedData");
    editText = findViewById(R.id.editText);
    editText.setText(storedData);
}
}
```

Output:



D In Saved Instance State

D In Restored Instance State