Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

\_\_\_\_\_\_\_7\_\_\_\_\_\_\_

LIST OF TASKS

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| TASK NO | OBJECTIVE |
| 1 | **Create an application which can take user-id and password from user, and if the credentials are valid then it shows “Login successful”, otherwise it shows “login failure” message.** |
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Submitted On:

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(Date: 1/5/23)

**Lab # 7**

**Task#1: Create an application which can take user-id and password from user, and if the credentials are valid then it shows “Login successful”, otherwise it shows “login failure” message.**

JAVA CODE

**package** com.example.lab;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.text.Editable;  
**import** android.text.TextWatcher;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**public class** MainActivity **extends** AppCompatActivity {  
 EditText **username**;  
 EditText **password**;  
 **boolean a** = **false**;  
 **boolean b** = **false**;  
 Button **button**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **username** = (EditText) findViewById(R.id.***username***);  
 **password** = (EditText) findViewById(R.id.***password***);  
 **button** = (Button) findViewById(R.id.***btn***);  
 **button**.setEnabled(**false**);  
  
 **username**.addTextChangedListener(**new** TextWatcher() {  
 @Override  
 **public void** beforeTextChanged(CharSequence s, **int** start, **int** count, **int** after) {  
  
  
 @Override  
 **public void** onTextChanged(CharSequence s, **int** start, **int** before, **int** count) {  
 **if**(count > 0){  
 **a** = **true**;  
 }  
 **if**(**a** == **true** && **b** == **true**){  
 **button**.setEnabled(**true**);  
  
  
 @Override  
 **public void** afterTextChanged(Editable s) {  
  
  
 **password**.addTextChangedListener(**new** TextWatcher() {  
 @Override  
 **public void** beforeTextChanged(CharSequence s, **int** start, **int** count, **int** after) {  
}  
  
 @Override  
 **public void** onTextChanged(CharSequence s, **int** start, **int** before, **int** count) {  
 **if**(count > 0){  
 **b** = **true**;  
 }  
 **if**(**a** == **true** && **b** == **true**){  
 **button**.setEnabled(**true**);  
  
 @Override  
 **public void** afterTextChanged(Editable s) {  
  
 **public void** login(View view) {  
 Intent i = **new** Intent(getBaseContext(), SummaryActivity.**class**);  
 **if**(**username**.getText().toString().equals(**"Alpha"**) && **password**.getText().toString().equals(**"alpha"**)){  
 i.putExtra(**"SorN"**, **"LOGIN SUCCESSFULL"**);  
 }  
 **else** {  
 i.putExtra(**"SorN"**, **"INVALID CREDENTIALS"**);  
 }  
 startActivity(i);

OUTPUT:

  
