Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

**07**

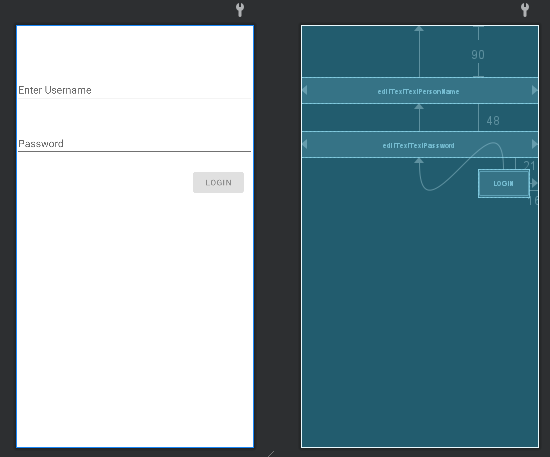
LIST OF TASKS

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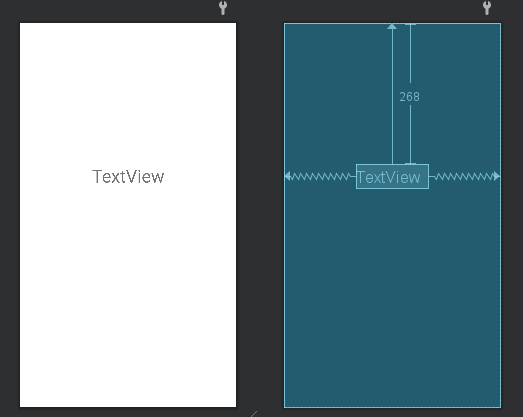
Task 1: **Create an application which can take user-id and password from user, and if the credentials are valid then it shows “Login successful”, otherwise it shows “login failure” message.**

**Design:**

**MainActivity.xml:**



**Summary.xml:**



**Activity Code:**

**MainAcivity:**

public class MainActivity extends AppCompatActivity { private EditText editText; private EditText passText; private Button button;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

editText=findViewById(R.id.editTextTextPersonName);

passText=findViewById(R.id.editTextTextPassword);

button=findViewById(R.id.button);

editText.addTextChangedListener(textWatcher);

passText.addTextChangedListener(textWatcher);

button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intent=new Intent(MainActivity.this,Summary.class); if(editText.getText().toString().equals("amjad5azx")&&passText.getText().toString().equals("1234")){

intent.putExtra("detail","Login Successfully");

startActivity(intent); }

else{

intent.putExtra("detail","Invalid Username or Password");

startActivity(intent); } } }); }

private final TextWatcher textWatcher=new TextWatcher() {

@Override

public void beforeTextChanged(CharSequence charSequence, int i, int i1, int i2) { }

@Override

public void onTextChanged(CharSequence charSequence, int i, int i1, int i2) { }

@Override

public void afterTextChanged(Editable editable) {

String username=editText.getText().toString().trim();

String password=passText.getText().toString().trim();

button.setEnabled(!username.isEmpty() && !password.isEmpty()); } };}

**Summary.java:**

public class Summary extends AppCompatActivity {

private TextView textView;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

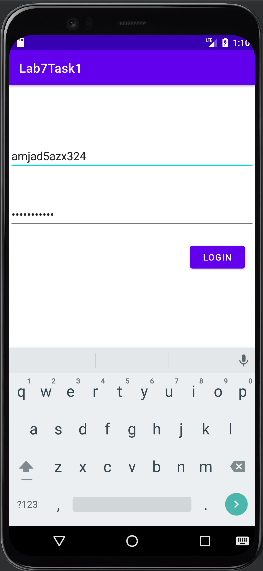
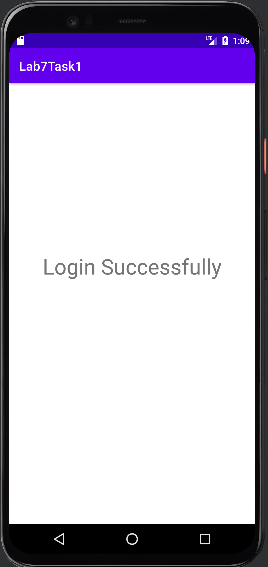
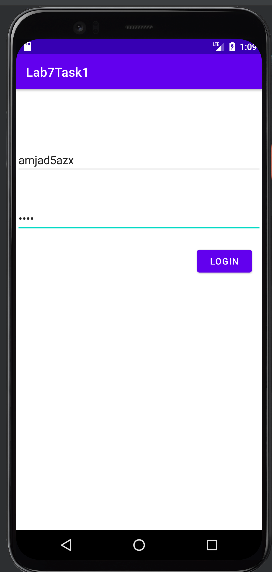
setContentView(R.layout.activity\_summary);

textView=findViewById(R.id.textView);

String msg=getIntent().getStringExtra("detail");

if(msg!=null){ textView.setText(msg);} }}

**Output:**



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