PROGRAMMING ASSIGNMENT – II

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MCA S4

( Team 13 )

Roll no : 55

Question 13.

(Assignment 1 continue ) Create login application where you will have to validate EmailID ( username). Till the username and password is not validated,login button should remain disabled.

MainActivity.java

package com.example.warlock.validation;

import android.content.Intent;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

public class MainActivity extends AppCompatActivity {

EditText email,pass;

Button loginbtn;

Pattern p;

String mail;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

email=findViewById(R.id.email);

pass=findViewById(R.id.pass);

loginbtn=findViewById(R.id.loginbtn);

loginbtn.setEnabled(false);

p=Pattern.compile(".+@.+\\.[a-z]+");

email.setOnFocusChangeListener(new View.OnFocusChangeListener() {

@Override

public void onFocusChange(View v, boolean hasFocus) {

mail="alfinwilliam@gmail.com";

String mailcheck=email.getText().toString();

Matcher match=p.matcher(mailcheck);

if(match.matches() && mailcheck.equals(mail))

{

Toast.makeText(getApplicationContext(),"Email verified",Toast.LENGTH\_SHORT).show();

}

else{

Toast.makeText(getApplicationContext(),"Invalid Email",Toast.LENGTH\_SHORT).show();

}

}

});

pass.setOnFocusChangeListener(new View.OnFocusChangeListener() {

@Override

public void onFocusChange(View v, boolean hasFocus) {

String pasa="admin@123";

String pasb=pass.getText().toString();

if(pasb.equals(pasa)){

Toast.makeText(getApplicationContext(),"Password verified",Toast.LENGTH\_SHORT).show();

loginbtn.setEnabled(true);

}

}

});

loginbtn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent intent=new Intent(MainActivity.this,welcome.class);

intent.putExtra("username",mail);

startActivity(intent);

}

});

}

}

activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

tools:context=".MainActivity"

android:focusable="true"

android:focusableInTouchMode="true">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:text="Login Form"

android:textSize="32sp"

android:textStyle="bold" />

<EditText

android:id="@+id/email"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginTop="100dp"

android:hint="E-mail" />

<EditText

android:id="@+id/pass"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Password" />

<Button

android:id="@+id/loginbtn"

android:layout\_width="match\_parent"

android:layout\_height="50dp"

android:layout\_gravity="center"

android:text="Login"

android:textStyle="bold" />

</LinearLayout>

Welcome.java

package com.example.warlock.validation;

import android.content.Intent;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.widget.TextView;

public class welcome extends AppCompatActivity {

TextView username;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_welcome*);

username=findViewById(R.id.*usrname*);

Intent i=getIntent();

String s=i.getStringExtra("username");

username.setText(s);

}

}

activity\_welcome.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

tools:context=".welcome">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="100dp"

android:text="Welcome"

android:textSize="32sp" />

<TextView

android:id="@+id/usrname"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="10dp"

android:textSize="32sp" />

</LinearLayout>

Screenshots:



