***TASK # 01***

*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.*

***CODE***

***XML:***

***MainActivity:***

*<?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">*

*<TextView*

*android:id="@+id/time"*

*android:layout\_width="match\_parent"*

*android:layout\_height="wrap\_content"*

*android:gravity="center"*

*android:layout\_marginTop="20dp"*

*android:textSize="30dp"*

*android:text="00:00:00"/>*

*<RadioGroup*

*android:layout\_width="match\_parent"*

*android:layout\_height="wrap\_content">*

*<RadioButton*

*android:id="@+id/hr"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="Hours"/>*

*<RadioButton*

*android:id="@+id/min"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="Minutes"/>*

*<RadioButton*

*android:id="@+id/sec"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="Seconds"/>*

*<Button*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="Update"*

*android:layout\_gravity="center"*

*android:onClick="UpdateTime" />*

*</RadioGroup>*

*</LinearLayout>*

***UpdateActivity:***

*<?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"*

*tools:context=".UpdateActivity"*

*android:padding="20dp"*

*android:orientation="vertical">*

*<TextView*

*android:layout\_width="match\_parent"*

*android:layout\_height="50dp" />*

*<Button*

*android:layout\_marginTop="20dp"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:onClick="updateBtn"*

*/>*

*</LinearLayout>*

***JAVA:***

***Main Activity:***

*package com.example.myapplication;*

*import android.app.Instrumentation;*

*import android.content.Intent;*

*import android.support.annotation.Nullable;*

*import android.support.v7.app.AppCompatActivity;*

*import android.os.Bundle;*

*import android.view.View;*

*import android.widget.RadioButton;*

*import android.widget.TextView;*

*import java.io.Serializable;*

*public class MainActivity extends AppCompatActivity {*

*RadioButton radId[];*

*TextView txt;*

*Intent i;*

*Time t;*

*@Override*

*protected void onCreate(Bundle savedInstanceState) {*

*super.onCreate(savedInstanceState);*

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

*i = new Intent(getApplicationContext(),UpdateActivity.class);*

*txt = (TextView)findViewById(R.id.time);*

*radId = new RadioButton[] {*

*(RadioButton)findViewById(R.id.hr),*

*(RadioButton)findViewById(R.id.min),*

*(RadioButton)findViewById(R.id.sec)*

*};*

*t = new Time();*

*}*

*public void UpdateTime(View v){*

*Integer code = 0;*

*if (radId[0].isChecked()){*

*code = 1; }*

*else if (radId[1].isChecked()){*

*code = 2; }*

*else if (radId[2].isChecked()){*

*code = 3; }*

*Bundle b = new Bundle();*

*b.putSerializable("time", (Serializable) t);*

*startActivityForResult(i,code); }*

*public void onActivityResult(int requestCode, int resultCode, Intent data){ } }*

*class Time{*

*private Integer hr;*

*private Integer min;*

*private Integer sec;*

*public void setHr(Integer hr){*

*this.hr = hr; }*

*public void setMin(Integer min){*

*this.min = min; }*

*public void setSec(Integer sec){*

*this.sec = sec; }*

*public String getTime(){*

*return hr.toString() + ":" + min.toString() + ":" + sec.toString();*

*}*

*}*

***Update Activity***

*package com.example.myapplication;*

*import android.content.Intent;*

*import android.support.v7.app.AppCompatActivity;*

*import android.os.Bundle;*

*import android.view.View;*

*public class UpdateActivity extends AppCompatActivity {*

*Time t;*

*Intent i;*

*@Override*

*protected void onCreate(Bundle savedInstanceState) {*

*super.onCreate(savedInstanceState);*

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

*i = getIntent();*

*t = (Time) i.getSerializableExtra("time");*

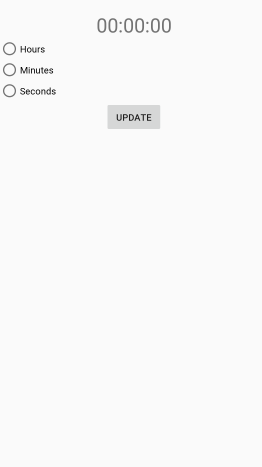
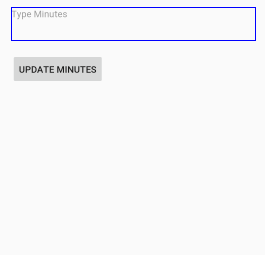
*}*

*public void updateBtn(View v){*

*}*

*}*

***OUTPUT***

* *