# Instructions: VIT-AP UNIVERSITY, ANDHRA PRADESH

Lab Sheet 4: INTENTS

Academic year: 2022-2023

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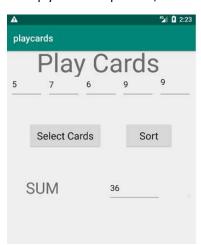
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#### Question-1:

Design an App that prints 5 random numbers of cards (1 to 13) when select cards button is pressed, on clicking sort button, these numbers need to send to second activity and sort and display. When the reply button is pressed, the sum of the cards needs to be returned back to the MainActivity.





### CODE:

## MainActivity.java:

```
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.TextView;
import java.util.ArrayList;
import java.util.Random;

public class MainActivity extends AppCompatActivity {
    TextView textView, textView2;
    Button button,button2;
    EditText n1,n2,n3,n4,n5,n6;
```

```
Random rand = new Random();
```

```
package com.example.playcards;
       e1.setText(String.valueOf(List.get(0)));
       e3.setText(String.valueOf(List.get(2)));
```

#### activity\_main.xml:

```
<EditText
```

```
android:inputType="numbe:
android:inputType="number"
android:textAppearance="@style/TextAppearance.AppCompat.Display1"
```

### activity\_sort2.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"</pre>
```

```
<EditText
    android:inputType="number"
<TextView
   android:textAppearance="@style/TextAppearance.AppCompat.Display1"
    android:textAppearance="@style/TextAppearance.AppCompat.Display1"
```

# Output:

