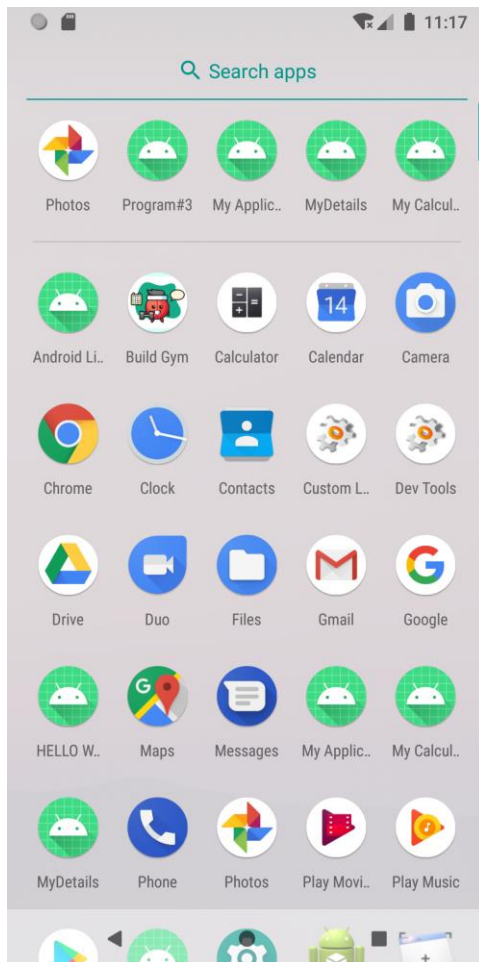
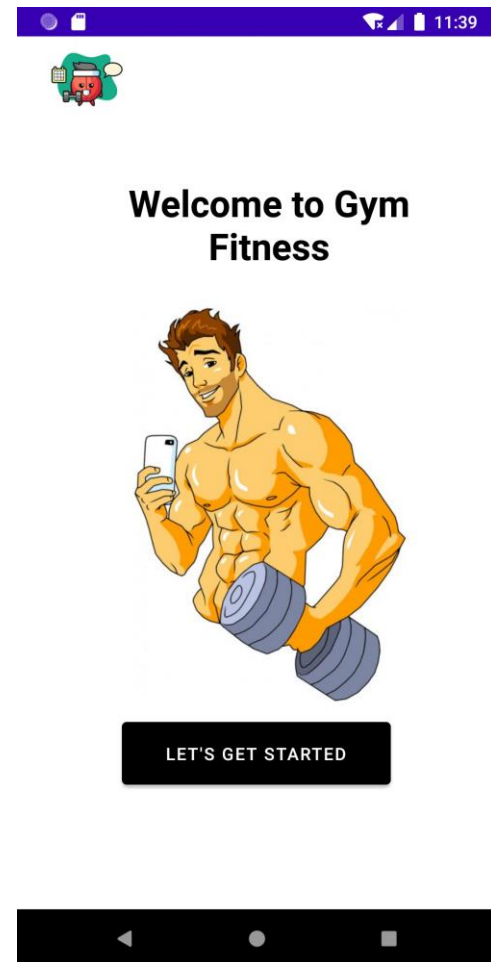


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Course : Mobile Applications LAB03

1. App Icon



2. UI



3.Registration Form (Without Filling Up)



Fill up the details

Name and Age

Enter your Name

Enter your Age

Height and Weight

Enter Height(in cm)

Enter Weight(in kgs)

Choose your level

Beginner

REGISTER

Fill up your details

4.Registration Form (Filled Up)



Fill up the details

Name and Age

S Rudy

21

Height and Weight

184

78

Choose your level

Intermediate

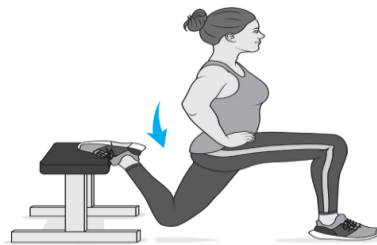
REGISTER

- Toast message has been implemented.

5.Number of Exercise (Choose Any of them)



Exercies



- Image Button has been implemented.

6.Cycling



Cycling



7.Crunches



Crunches



x20



- Animated dependencies has been implemented.
- RatingBar has been implemented.

8. Push Ups



Push Ups



x20



9.Squats



Squats



x20



Acitivity_Main1.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".MainActivity"
    tools:ignore="ExtraText">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="243dp"
        android:layout_height="325dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.565"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.566"
        app:srcCompat="@drawable/pic1" />

    <TextView
        android:id="@+id/textView"
        android:layout_width="244dp"
        android:layout_height="90dp"
        android:gravity="center_horizontal"
        android:text="Welcome to Gym Fitness"
        android:textAlignment="center"
        android:textColor="#000"
        android:textSize="30sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toTopOf="@+id/imageView"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.568"
```

```
app:layout_constraintStart_toStartOf="parent"  
app:layout_constraintTop_toTopOf="parent"  
app:layout_constraintVertical_bias="0.892" />
```

<Button

```
android:id="@+id/button"  
android:layout_width="220dp"  
android:layout_height="63dp"  
android:layout_marginTop="16dp"  
android:layout_marginBottom="96dp"  
android:backgroundTint="#000"  
android:text="Let's get started"  
app:layout_constraintBottom_toBottomOf="parent"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintHorizontal_bias="0.497"  
app:layout_constraintStart_toStartOf="parent"  
app:layout_constraintTop_toBottomOf="@+id/editText6"  
app:layout_constraintVertical_bias="0.0" />
```

<ImageView

```
android:id="@+id/imageView7"  
android:layout_width="81dp"  
android:layout_height="56dp"  
app:layout_constraintBottom_toBottomOf="parent"  
app:layout_constraintEnd_toEndOf="parent"  
app:layout_constraintHorizontal_bias="0.054"  
app:layout_constraintStart_toStartOf="parent"  
app:layout_constraintTop_toTopOf="parent"  
app:layout_constraintVertical_bias="0.011"  
app:srcCompat="@drawable/logo" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

Activity_Main2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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:background="#fff"
    tools:context=".MainActivity2">

    <EditText
        android:id="@+id/editText4"
        android:layout_width="219dp"
        android:layout_height="49dp"
        android:layout_marginStart="8dp"
        android:layout_marginLeft="8dp"
        android:layout_marginTop="8dp"
        android:layout_marginEnd="8dp"
        android:layout_marginRight="8dp"
        android:layout_marginBottom="8dp"
        android:backgroundTint="#000"
        android:ems="19"
        android:hint="Enter your Name"
        android:inputType="text"
        android:selectAllOnFocus="true"
        android:textColor="#000"
        android:textColorHint="#B01917"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.345" />

    <EditText
        android:id="@+id/editText2"
        android:layout_width="219dp"
        android:layout_height="49dp"
```



```
android:layout_marginStart="8dp"
android:layout_marginLeft="8dp"
android:layout_marginTop="8dp"
android:layout_marginEnd="8dp"
android:layout_marginRight="8dp"
android:layout_marginBottom="8dp"
android:backgroundTint="#000"
android:ems="19"
android:hint="Enter your Age"
android:inputType="text"
android:selectAllOnFocus="true"
android:textColor="#000"
android:textColorHint="#B01917"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.418" />
```

<EditText

```
android:id="@+id/editText3"
android:layout_width="219dp"
android:layout_height="49dp"
android:layout_marginStart="8dp"
android:layout_marginLeft="8dp"
android:layout_marginTop="8dp"
android:layout_marginEnd="8dp"
android:layout_marginRight="8dp"
android:layout_marginBottom="8dp"
android:backgroundTint="#000"
android:ems="19"
android:hint="Enter Height(in cm)"
android:inputType="text"
android:selectAllOnFocus="true"
android:textColor="#000"
android:textColorHint="#B01917"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
```

```
app:layout_constraintVertical_bias="0.581" />
```

```
<EditText
```

```
    android:id="@+id/editText5"
    android:layout_width="219dp"
    android:layout_height="49dp"
    android:layout_marginStart="8dp"
    android:layout_marginLeft="8dp"
    android:layout_marginTop="8dp"
    android:layout_marginEnd="8dp"
    android:layout_marginRight="8dp"
    android:layout_marginBottom="8dp"
    android:backgroundTint="#000"
    android:ems="19"
    android:hint="Enter Weight(in kgs)"
    android:inputType="text"
    android:selectAllOnFocus="true"
    android:textColor="#000"
    android:textColorHint="#B0191717"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.654" />
```

```
<Spinner
```

```
    android:id="@+id/spinner1"
    android:layout_width="217dp"
    android:layout_height="31dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.494"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.758"
    tools:ignore="MissingConstraints" />
```

```
<TextView
```

```
    android:id="@+id/textView2"
    android:layout_width="264dp"
```

```
android:layout_height="63dp"
android:gravity="center_horizontal"
android:text="Fill up the details"
android:textAlignment="center"
android:textColor="#000"
android:textSize="30sp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.496"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintVertical_bias="0.187" />
```

<Button

```
android:id="@+id/button2"
android:layout_width="217dp"
android:layout_height="49dp"
android:layout_marginBottom="120dp"
android:backgroundTint="#000"
android:text="Register"
android:textSize="23sp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/editText6"
app:layout_constraintVertical_bias="0.225" />
```

<TextView

```
android:id="@+id/textView3"
android:layout_width="219dp"
android:layout_height="49dp"
android:text=" Choose your level"
android:textColor="#000"
android:textSize="23sp"
android:textStyle="normal"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/editText5"
```

```
app:layout_constraintVertical_bias="0.0" />

<TextView
    android:id="@+id/textView7"
    android:layout_width="406dp"
    android:layout_height="90dp"
    android:background="#000"
    android:backgroundTint="#000"
    android:text="TextView"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.0" />

<TextView
    android:id="@+id/textView8"
    android:layout_width="199dp"
    android:layout_height="33dp"
    android:text=" Name and Age"
    android:textColor="#000"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.452"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.293" />

<TextView
    android:id="@+id/textView9"
    android:layout_width="207dp"
    android:layout_height="36dp"
    android:text=" Height and Weight"
    android:textColor="#000"
    android:textSize="20sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.47"
    app:layout_constraintStart_toStartOf="parent"
```

```
app:layout_constraintTop_toTopOf="parent"  
app:layout_constraintVertical_bias="0.516" />
```

```
<ImageView
```

```
    android:id="@+id/imageView5"  
    android:layout_width="81dp"  
    android:layout_height="56dp"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintHorizontal_bias="0.045"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.023"  
    app:srcCompat="@drawable/logo" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

Activity_Main3.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".MainActivity3">

    <ImageView
        android:id="@+id/imageView2"
        android:layout_width="177dp"
        android:layout_height="163dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.106"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.216"
        app:srcCompat="@drawable/cycling" />

    <TextView
        android:id="@+id/textView4"
        android:layout_width="210dp"
        android:layout_height="58dp"
        android:gravity="center"
        android:text="Exercies"
        android:textAlignment="center"
        android:textColor="#000"
        android:textSize="40sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.06" />
```

```
<ImageView
    android:id="@+id/imageView3"
    android:layout_width="177dp"
    android:layout_height="163dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.931"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.216"
    app:srcCompat="@drawable/pic2" />
```

```
<ImageView
    android:id="@+id/imageView4"
    android:layout_width="177dp"
    android:layout_height="163dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.175"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.57"
    app:srcCompat="@drawable/pic3" />
```

```
<ImageView
    android:id="@+id/imageView6"
    android:layout_width="234dp"
    android:layout_height="235dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.966"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.56"
    app:srcCompat="@drawable/pic5" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

Activity_Cycling.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".Cycling">

    <TextView
        android:id="@+id/textView5"
        android:layout_width="198dp"
        android:layout_height="58dp"
        android:text="Cycling"
        android:textSize="29sp"
        android:gravity="center"
        android:textStyle="bold|italic"
        android:textColor="#000"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.441"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.089" />

    <com.airbnb.lottie.LottieAnimationView
        android:id="@+id/animation_view"
        android:layout_width="383dp"
        android:layout_height="332dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.428"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.345"
        app:lottie_autoPlay="true"
        app:lottie_fileName="cycling.json"
```



```
app:lottie_loop="true"
tools:ignore="MissingConstraints" />

<RatingBar
    android:id="@+id/ratingbar"
    android:layout_width="243dp"
    android:layout_height="44dp"
    android:numStars="5"
    android:stepSize="0.5"

    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.764"
    tools:ignore="MissingConstraints" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Activity_Crunch.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".pull_ups">

    <TextView
        android:id="@+id/textView5"
        android:layout_width="198dp"
        android:layout_height="58dp"
        android:text="Crunches"
        android:textSize="29sp"
        android:gravity="center"
        android:textStyle="bold|italic"
        android:textColor="#000"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.441"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.089" />

    <com.airbnb.lottie.LottieAnimationView
        android:id="@+id/animation_view"
        android:layout_width="277dp"
        android:layout_height="283dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/textView5"
        app:layout_constraintVertical_bias="0.078"
        app:lottie_autoPlay="true"
        app:lottie_fileName="crunches.json"
        app:lottie_loop="true"
        tools:ignore="MissingConstraints" />
```

```
<TextView
    android:id="@+id/textView6"
    android:layout_width="99dp"
    android:layout_height="40dp"
    android:gravity="center"
    android:text="x20"
    android:textColor="#000"
    android:textSize="33sp"
    android:textStyle="bold|italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/animation_view"
    app:layout_constraintVertical_bias="0.075" />
<RatingBar
    android:id="@+id/ratingbar"
    android:layout_width="243dp"
    android:layout_height="44dp"
    android:numStars="5"
    android:stepSize="0.5"

    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.764"
    tools:ignore="MissingConstraints" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Activity_PushUps.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".push_ups">

    <TextView
        android:id="@+id/textView5"
        android:layout_width="198dp"
        android:layout_height="58dp"
        android:text="Push Ups"
        android:textSize="29sp"
        android:gravity="center"
        android:textStyle="bold|italic"
        android:textColor="#000"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.441"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.089" />

    <com.airbnb.lottie.LottieAnimationView
        android:id="@+id/animation_view"
        android:layout_width="355dp"
        android:layout_height="371dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.422"
        app:lottie_autoPlay="true"
        app:lottie_fileName="push.json"
        app:lottie_loop="true"
        tools:ignore="MissingConstraints" />
```

<TextView

```
    android:id="@+id/textView6"
    android:layout_width="99dp"
    android:layout_height="40dp"
    android:gravity="center"
    android:text="x20"
    android:textColor="#000"
    android:textSize="33sp"
    android:textStyle="bold|italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/animation_view"
    app:layout_constraintVertical_bias="0.053" />
```

<RatingBar

```
    android:id="@+id/ratingbar"
    android:layout_width="243dp"
    android:layout_height="44dp"
    android:numStars="5"
    android:stepSize="0.5"

    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.559"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.909"
    tools:ignore="MissingConstraints" />
```

</androidx.constraintlayout.widget.ConstraintLayout>

Activity_Squats.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".squats">

    <TextView
        android:id="@+id/textView5"
        android:layout_width="198dp"
        android:layout_height="58dp"
        android:text="Squats"
        android:textSize="29sp"
        android:gravity="center"
        android:textStyle="bold|italic"
        android:textColor="#000"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.441"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.089" />

    <com.airbnb.lottie.LottieAnimationView
        android:id="@+id/animation_view"
        android:layout_width="292dp"
        android:layout_height="337dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.411"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/textView5"
        app:layout_constraintVertical_bias="0.163"
        app:lottie_autoPlay="true"
        app:lottie_fileName="squats.json"
        app:lottie_loop="true"
```

```
tools:ignore="MissingConstraints" />

<TextView
    android:id="@+id/textView6"
    android:layout_width="99dp"
    android:layout_height="40dp"
    android:gravity="center"
    android:text="x20"
    android:textColor="#000"
    android:textSize="33sp"
    android:textStyle="bold|italic"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/animation_view"
    app:layout_constraintVertical_bias="0.094" />

<RatingBar
    android:id="@+id/ratingbar"
    android:layout_width="243dp"
    android:layout_height="44dp"
    android:numStars="5"
    android:stepSize="0.5"

    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.868"
    tools:ignore="MissingConstraints" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

#JAVA CODEs

MainActivity.java

```
package com.example.buildgym;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class MainActivity extends AppCompatActivity {
    private Button button;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        button = (Button) findViewById(R.id.button);
        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new
Intent(getApplicationContext(),MainActivity2.class);
                startActivity(intent);
            }
        });
    }
}
```


MainActivity2.java

```
package com.example.buildgym;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity2 extends AppCompatActivity {
    private Button button2;
    private EditText editText1,editText2,editText3,editText4,editText5;
    private TextView textView;
    Spinner spinner;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        button2 = (Button) findViewById(R.id.button2);
        //editText1=(EditText)findViewById(R.id.editText1);
        editText2=(EditText)findViewById(R.id.editText2);
        editText3=(EditText)findViewById(R.id.editText3);
        editText4=(EditText)findViewById(R.id.editText4);
        editText5=(EditText)findViewById(R.id.editText5);
        //editText6=(EditText)findViewById(R.id.editText6);
        textView=(TextView)findViewById(R.id.textView3) ;
        spinner=(Spinner)findViewById(R.id.spinner1);

        populateSpinnerLevel();

        button2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if (editText2.getText().toString().isEmpty()) ||
```

```
editText3.getText().toString().isEmpty() ||
    editText4.getText().toString().isEmpty() ||
    editText5.getText().toString().isEmpty()) {
    Toast.makeText(MainActivity2.this, "Fill up your details",
        Toast.LENGTH_LONG).show();
}
else {
    Intent intent = new
Intent(getApplicationContext(),MainActivity3.class);
    startActivity(intent);
}
});
}

private void populateSpinnerLevel() {
    ArrayAdapter<String> leveladapter = new ArrayAdapter<>(this,
android.R.layout.simple_spinner_dropdown_item,getResources().getStringArray
(R.array.level));

    leveladapter.setDropDownViewResource(android.R.layout.simple_spinner_drop
down_item);
    spinner.setAdapter(leveladapter);
}
}
```

MainActivity3.java

```
package com.example.buildgym;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.ImageView;

public class MainActivity3 extends AppCompatActivity {

    private ImageView imageView2,imageView3,imageView4,imageView6;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main3);
        //    button3 = (Button) findViewById(R.id.button3);
        //    button4 = (Button) findViewById(R.id.button4);
        //    button5 = (Button) findViewById(R.id.button5);
        //    button6 = (Button) findViewById(R.id.button6);
        imageView2 = (ImageView) findViewById((R.id.imageView2));
        imageView3 = (ImageView) findViewById((R.id.imageView3));
        imageView4 = (ImageView) findViewById((R.id.imageView4));
        imageView6 = (ImageView) findViewById((R.id.imageView6));

        imageView2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(getApplicationContext(),Cycling.class);
                startActivity(intent);
            }
        });

        imageView3.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(getApplicationContext(),pull_ups.class);
                startActivity(intent);
            }
        });
    }
}
```

```
    }  
});  
  
imageView4.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View v) {  
        Intent intent = new Intent(getApplicationContext(),push_ups.class);  
        startActivity(intent);  
    }  
});  
  
imageView6.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View v) {  
        Intent intent = new Intent(getApplicationContext(),squats.class);  
        startActivity(intent);  
    }  
});  
  
}  
}
```

Cycling.java

PushUps.java

Crunches.java

Squats.java

```
package com.example.buildgym;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.RatingBar;
import android.widget.Toast;

public class pull_ups extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_pull_ups);
        RatingBar ratingBar=(RatingBar)findViewById(R.id.ratingbar);
        ratingBar.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String s = String.valueOf(ratingBar.getRating());

                Toast.makeText(getApplicationContext(),"Star",Toast.LENGTH_LONG).show
                ();
            }
        });
    }
}
```