S3 INTERNAL LAB EXAM

SUBMITTED BY

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ROLL NO – 24

Develop an android app for food booking system (Using Fragments)

* Create a booking form which contains customer name, item required from list of items, location and booking in one fragment
* Display the total amount in another fragment

PROGRAM CODE

**activity\_main.xml:**

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

[<androidx.constraintlayout.widget.ConstraintLayout tools:context="**.MainActivity**" android:layout\_height="**match\_parent**" android:layout\_width="**match\_parent**" xmlns:tools="**http://schemas.android.com/tools**" xmlns:app="**http://schemas.android.com/apk/res-auto**" xmlns:android="**http://schemas.android.com/apk/res/android**">](file:///C:\Users\Administrator\Downloads\activity_main.xml)<TextView android:layout\_height="**39dp**" android:layout\_width="**197dp**" app:layout\_constraintVertical\_bias="**0.103**" app:layout\_constraintTop\_toTopOf="**parent**" app:layout\_constraintStart\_toStartOf="**parent**" app:layout\_constraintRight\_toRightOf="**parent**" app:layout\_constraintLeft\_toLeftOf="**parent**" app:layout\_constraintHorizontal\_bias="**0.416**" app:layout\_constraintEnd\_toEndOf="**parent**" app:layout\_constraintBottom\_toBottomOf="**parent**" android:text="**Name of customer**" android:id="**@+id/name**"/><TextView android:layout\_height="**49dp**" android:layout\_width="**191dp**" app:layout\_constraintVertical\_bias="**0.206**" app:layout\_constraintTop\_toTopOf="**parent**" app:layout\_constraintStart\_toStartOf="**parent**" app:layout\_constraintHorizontal\_bias="**0.404**" app:layout\_constraintEnd\_toEndOf="**parent**" app:layout\_constraintBottom\_toBottomOf="**parent**" android:text="**Name of item**" android:id="**@+id/item**"/><TextView android:layout\_height="**45dp**" android:layout\_width="**192dp**" app:layout\_constraintVertical\_bias="**0.335**" app:layout\_constraintTop\_toTopOf="**parent**" app:layout\_constraintStart\_toStartOf="**parent**" app:layout\_constraintHorizontal\_bias="**0.401**" app:layout\_constraintEnd\_toEndOf="**parent**" app:layout\_constraintBottom\_toBottomOf="**parent**" android:text="**Name of location**" android:id="**@+id/location**"/><TextView android:layout\_height="**49dp**" android:layout\_width="**196dp**" app:layout\_constraintVertical\_bias="**0.455**" app:layout\_constraintTop\_toTopOf="**parent**" app:layout\_constraintStart\_toStartOf="**parent**" app:layout\_constraintHorizontal\_bias="**0.383**" app:layout\_constraintEnd\_toEndOf="**parent**" app:layout\_constraintBottom\_toBottomOf="**parent**" android:text="**Booking time**" android:id="**@+id/time**"/><Button android:layout\_height="**54dp**" android:layout\_width="**112dp**" app:layout\_constraintVertical\_bias="**0.632**" app:layout\_constraintTop\_toTopOf="**parent**" app:layout\_constraintStart\_toStartOf="**parent**" app:layout\_constraintHorizontal\_bias="**0.428**" app:layout\_constraintEnd\_toEndOf="**parent**" app:layout\_constraintBottom\_toBottomOf="**parent**" android:text="**Book**" android:id="**@+id/book**"/></androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity.java**

package com.example.fragmentapp;

import androidx.appcompat.app.AppCompatActivity;

import android.view.View;

import android.widget.Button;

import android.os.Bundle;

import android.widget.TextView;

public abstract class MainActivity extends AppCompatActivity {

TextView t1,t2,t3,t4;

t1 = findViewById(R.id.name);

t2 = findViewById(R.id.item);

t3 = findViewById(R.id.location);

t4 = findViewById(R.id.time);

Button B1;

B1 = findViewById(int book);

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

String t1 = getString(name);

String t2 = getString(item);

String t3 = getString(location);

String t4 = getString(time);

}

}

OUTPUT

