**slip3**

**Q1. Create an Android application that will change color of the collage name on click Name on Click of Push Button and change the font style of text view using xml**

**Xml file**

*<?*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=".ClickButton">  
  
 <TextView  
 android:id="@+id/collage\_name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="S.M Joshi Collage"  
 android:textSize="30dp"  
 android:textStyle="bold"  
 android:layout\_marginLeft="50dp"  
 android:layout\_marginRight="50dp"  
 android:textAlignment="center"  
 android:layout\_marginTop="100dp"/>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
 <Button  
 android:id="@+id/change\_button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="push"  
 android:textSize="28dp"  
 android:textStyle="bold"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginTop="30dp"  
 android:layout\_marginRight="30dp" />  
</LinearLayout>  
</LinearLayout>

**Java file**

package com.example.firstandroidproject;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.graphics.Color;  
import android.graphics.Typeface;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
  
public class ClickButton extends AppCompatActivity {  
 TextView collage\_name; *//variable define here TextView id name here declaration of variable* Button change\_button ; *// define variable i.e means id name of view .ie Button id name must define here* @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_click\_button*);  
 collage\_name=(TextView) findViewById(R.id.*collage\_name*);*// here we initialize above variable by typecast collage\_name is TextView* change\_button=(Button) findViewById(R.id.*change\_button*);  
 *// here we applied click event on Button and change name i.e change name text  
 // so put setListener for all* change\_button.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v){  
 *//here change collage\_name ka text will change* collage\_name.setTextColor(Color.*RED*);  
 }  
  
 });  
  
 }  
}

**Q2.Crea an Android application Ap [p it reads the Student Detail (Name Surname, Class, Gender, Hobbies, Marks)display the all information in another activity in table format on click of submit button**

**Xml file1**

**<LinearLayout>**

<**EditText**android:id**="@+id/txtname"**android:layout\_width**="match\_parent"**android:layout\_height**="wrap\_content"**android:layout\_marginLeft**="30dp"**android:layout\_marginRight**="30dp"**android:hint**="Enter Name"**android:layout\_marginTop**="20dp"**/>  
  
<**EditText**android:id**="@+id/txtsurname"**android:layout\_width**="match\_parent"**android:layout\_height**="wrap\_content"**android:layout\_marginLeft**="30dp"**android:layout\_marginRight**="30dp"**android:hint**="Enter SurName"**android:layout\_marginTop**="20dp"**/>  
  
<**EditText**android:id**="@+id/txtclass"**android:layout\_width**="match\_parent"**android:layout\_height**="wrap\_content"**android:layout\_marginLeft**="30dp"**android:layout\_marginRight**="30dp"**android:hint**="Enter Classname"**android:layout\_marginTop**="20dp"**/>  
  
  
<**EditText**android:id**="@+id/txtGender"**android:layout\_width**="match\_parent"**android:layout\_height**="wrap\_content"**android:layout\_marginLeft**="30dp"**android:layout\_marginRight**="30dp"**android:hint**="Gender"**android:layout\_marginTop**="20dp"**/>  
  
<**EditText**android:id**="@+id/txthobbies"**android:layout\_width**="match\_parent"**android:layout\_height**="wrap\_content"**android:layout\_marginLeft**="30dp"**android:layout\_marginRight**="30dp"**android:hint**="Enter Hobbies"**android:layout\_marginTop**="20dp"**/>  
  
<**EditText**android:id**="@+id/txtmarks"**android:layout\_width**="match\_parent"**android:layout\_height**="wrap\_content"**android:layout\_marginLeft**="30dp"**android:layout\_marginRight**="30dp"**android:inputType**="number"**android:hint**="Enter Marks"**android:layout\_marginTop**="20dp"**/>  
  
<**Button**android:id**="@+id/btnsubmit"**android:layout\_width**="match\_parent"**android:layout\_height**="wrap\_content"**android:layout\_marginTop**="50dp"**android:text**="Submit"**android:layout\_marginLeft**="50dp"**android:layout\_marginRight**="50dp"**/>

**</LinearLayout>**

**Java file 1**

**Public class** MainActivity**extends** AppCompatActivity{  
EditTexttxtname,txtsurname,txtclass,txtGender,txthobbies,txtmarks;  
Button btnsubmit;  
@Override  
**protected void** onCreate(Bundle savedInstanceState) {  
**super**.onCreate(savedInstanceState);  
setContentView(R.layout.*activity\_main*);  
  
txtname=(EditText) findViewById(R.id.*txtname*);  
txtsurname=(EditText) findViewById(R.id.*txtsurname*);  
txtclass **public** =(EditText)findViewById(R.id.*txtclass*);  
txtGender=(EditText) findViewById(R.id.*txtGender*);  
txthobbies=(EditText) findViewById(R.id.*txthobbies*);  
txtmarks=(EditText) findViewById(R.id.*txtmarks*);  
  
btnsubmit=(Button) findViewById(R.id.*btnsubmit*);  
  
btnsubmit.setOnClickListener(**new** View.OnClickListener() {  
@Override  
**public void** onClick(View view) {  
String name=txtname.getText().toString().trim();  
String surname=txtsurname.getText().toString().trim();  
String classes=txtclass.getText().toString().trim();  
String Gender=txtGender.getText().toString().trim();  
String hobbies=txthobbies.getText().toString().trim();  
String marks=txtmarks.getText().toString().trim();*//fetching data*Bundle bundle=**new** Bundle();*//bundle import........... variable careate  
 //bundle variable use...*bundle.putString(**"name"**,name);*//key and where stroed name*bundle.putString(**"surname"**,surname);  
bundle.putString(**"classes"**,classes);  
bundle.putString(**"Gender"**,Gender);  
bundle.putString(**"hobbies"**,hobbies);  
bundle.putString(**"marks"**,marks);  
  
*//new intent open karnahai*Intent intent=**new** Intent(MainActivity.**this**,MainActivity2.**class**);  
intent.putExtras(bundle);  
startActivity(intent);  
 }

});

}

}

**Xml file2**

**<TableLayout>**

<**TableRow**android:layout\_marginTop**="300dp"**android:layout\_marginLeft**="40dp"**android:layout\_marginRight**="40dp"**>  
  
<**TextView**android:id**="@+id/txt\_name"**android:layout\_width**="wrap\_content"**android:layout\_height**="wrap\_content"**android:layout\_marginRight**="30dp"**android:layout\_marginLeft**="40dp"**android:text**="Hello"**android:textAlignment**="center"**/>  
  
<**TextView**android:id**="@+id/txt\_surname"**android:layout\_width**="wrap\_content"**android:layout\_height**="wrap\_content"**android:layout\_marginRight**="40dp"**android:layout\_marginLeft**="40dp"**android:text**="Hello"**/>  
</**TableRow**>  
  
<**TableRow**android:layout\_marginTop**="30dp"**android:layout\_marginLeft**="40dp"**android:layout\_marginRight**="40dp"**>  
<**TextView**android:id**="@+id/txt\_classname"**android:layout\_width**="wrap\_content"**android:layout\_height**="wrap\_content"**android:layout\_marginRight**="40dp"**android:layout\_marginLeft**="40dp"**android:text**="Hello"**/>  
<**TextView**android:id**="@+id/txt\_Gender"**android:layout\_width**="wrap\_content"**android:layout\_height**="wrap\_content"**android:layout\_marginRight**="40dp"**android:layout\_marginLeft**="40dp"**android:text**="Hello"**/>  
</**TableRow**>  
  
<**TableRow**android:layout\_marginTop**="30dp"**android:layout\_marginLeft**="40dp"**android:layout\_marginRight**="40dp"**>  
<**TextView**android:id**="@+id/txt\_hobbies"**android:layout\_width**="wrap\_content"**android:layout\_height**="wrap\_content"**android:layout\_marginRight**="40dp"**android:layout\_marginLeft**="40dp"**android:text**="Hello"**/>  
  
<**TextView**android:id**="@+id/txt\_marks"**android:layout\_width**="wrap\_content"**android:layout\_height**="wrap\_content"**android:layout\_marginRight**="40dp"**android:layout\_marginLeft**="40dp"**android:text**="Hello"**/>  
</**TableRow**>  
</**TableLayout**>

**Java file 2**

TextViewtxt\_name,txt\_surname,txt\_classname,txt\_Gender,txt\_hobbies,txt\_marks;  
  
@Override  
**protected void** onCreate(Bundle savedInstanceState) {  
**super**.onCreate(savedInstanceState);  
setContentView(R.layout.*activity\_main2*);  
  
  
Bundle bundle=getIntent().getExtras();  
  
txt\_name= (TextView) findViewById(R.id.*txt\_name*);  
txt\_surname=(TextView) findViewById(R.id.*txt\_surname*);  
txt\_classname=(TextView) findViewById(R.id.*txt\_classname*);  
txt\_Gender=(TextView) findViewById(R.id.*txt\_Gender*);  
txt\_hobbies=(TextView) findViewById(R.id.*txt\_hobbies*);  
txt\_marks=(TextView) findViewById(R.id.*txt\_marks*);  
  
  
**if**( bundle != **null**)  
 {  
String name = bundle.getString(**"name"**);  
String surname = bundle.getString(**"surname"**);  
String classes = bundle.getString(**"classes"**);  
String Gender = bundle.getString(**"Gender"**);  
String hobbies = bundle.getString(**"hobbies"**);  
String marks = bundle.getString(**"marks"**);  
  
txt\_name.setText(name);  
txt\_surname.setText(surname);  
txt\_classname.setText(classes);  
txt\_Gender.setText(Gender);  
txt\_hobbies.setText(hobbies);  
txt\_marks.setText(marks);  
  
 }  
 }  
**}**