

University Institute of Information Technology

PMAS-Arid Agriculture University, Rawalpindi

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***REG#: 19-ARID-1173***

***CLASS: BS-IT(6B)***

**Main\_Activity.java**

package com.wishal.asg2;  
  
import android.graphics.Color;  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
  
public class MainActivity extends AppCompatActivity  
{  
 int ch=1; float font=30;  
 @Override  
protected void onCreate(Bundle savedInstanceState)  
{  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 final TextView t= (TextView)  
 findViewById(R.id.*textView*); Button b1= (Button) findViewById(R.id.button1); b1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) { t.setTextSize(font); font = font + 5;  
 if (font == 50) font = 30;  
 }  
});  
 Button b2= (Button) findViewById(R.id.button2); b2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) { switch (ch) {  
 case 1:  
 t.setTextColor(Color.RED); break;  
 case 2:  
 t.setTextColor(Color.GREEN); break;  
 case 3:  
 t.setTextColor(Color.BLUE); break;  
 case 4:  
 t.setTextColor(Color.CYAN); break;  
 case 5:  
 t.setTextColor(Color.YELLOW); break;  
 case 6:  
 t.setTextColor(Color.MAGENTA); break;  
  
  
  
  
 }  
 }  
 });}}

**Activity\_Main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="30dp"  
 android:gravity="center"  
 android:text="Hello World!"  
 android:textSize="25sp"  
 android:textStyle="bold" />  
  
 <Button  
 android:id="@+id/button1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="20dp"  
 android:gravity="center"  
 android:text="Change font size"  
 android:textSize="25sp" />  
 <Button  
 android:id="@+id/button2"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="20dp"  
 android:gravity="center"  
 android:text="Change color"  
 android:textSize="25sp" />  
</LinearLayout>