Homework #4

1) ColorsWap

AnswerSheet – Screenshot & Short Analysis on your code

(1)Graphical user interface, application

Description automatically generated(2)Graphical user interface, text, application

Description automatically generated(3)Graphical user interface, text, application

Description automatically generated

(1) Initial screen, (2) First result of pressing TAP ME! (3) Second result of pressing TAP ME!

My code

**class** MainActivity : AppCompatActivity() {  
 **override fun** onCreate(savedInstanceState: Bundle?) {  
 **super**.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
  
 **val** binding = ActivityMainBinding.inflate(*layoutInflater*)  
 setContentView(binding.*root*)  
  
*// Creating an action when we click the button* binding.**button**.setOnClickListener **{***// Randomly generating R value among RGB* **val** R = Random().nextInt(256)  
*// Randomly generating G value among RGB* **val** G = Random().nextInt(256)  
*// Randomly generating B value among RGB* **val** B = Random().nextInt(256)  
*// Setting color fo the textView* binding.**textView**.setTextColor(Color.rgb(R,G,B))  
*// Changing value of text* binding.**textView**.*text* = **"COLOR: ${**R**}r ${**G**}g ${**B**}b"  
 }** }  
}

I randomly generated three values of each RGB and set a color of textview using the values.

So when we click button, we can see color and text changing every time we click button.

2) Your Portfolio

This result will be covered by a video and codes in selfintro.zip, zipped file.