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1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:
  android="http://schemas.android.com/apk/res/android"
3   xmlns:app="http://schemas.android.com/apk/res-auto"
4   xmlns:tools="http://schemas.android.com/tools"
5   android:layout_width="match_parent"
6   android:layout_height="match_parent"
7   tools:context=".MainActivity">
8
9   <LinearLayout
10      android:layout_width="match_parent"
11      android:layout_height="0dp"
12      android:orientation="vertical"
13      android:weightSum="2"
14      app:layout_constraintBottom_toTopOf="@+id/
linearLayout"
15      app:layout_constraintEnd_toEndOf="parent"
16      app:layout_constraintStart_toStartOf="parent"
17      app:layout_constraintTop_toTopOf="parent" >
18
19      <TextView
20
21          android:id="@+id/data"
22          android:layout_width="match_parent"
23          android:layout_height="0dp"
24          android:layout_weight="1"
25          android:background="#1d1d1d"
26          android:gravity="end|bottom"
27          android:text="10+10"
28          android:textColor="@color/white"
29          android:textSize="40sp"
30          tools:ignore="HardcodedText" />
31      <TextView
32
33          android:id="@+id/output"
34          android:layout_width="match_parent"
35          android:layout_height="0dp"
36          android:layout_weight="1"
37          android:background="#1d1d1d"
38          android:gravity="end|center"
39          android:text="20"
40          android:textColor="@color/white"
41          android:textSize="40sp"
42          tools:ignore="HardcodedText" />
43
44  </LinearLayout>
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45     <LinearLayout
46         android:id="@+id/linearLayout"
47         android:layout_width="match_parent"
48         android:layout_height="0dp"
49         android:orientation="vertical"
50         app:layout_constraintBottom_toBottomOf="parent"
51         app:layout_constraintEnd_toEndOf="parent"
52         app:layout_constraintStart_toStartOf="parent">
53         <LinearLayout
54             android:layout_width="match_parent"
55             android:layout_height="wrap_content"
56             android:orientation="horizontal">
57             <Button
58                 android:id="@+id/addorsub"
59                 android:layout_width="0dp"
60                 android:layout_height="80dp"
61                 android:layout_weight="1"
62                 android:text="+/-"
63                 android:background="@drawable/
ripple_effect_numbers"
64                 android:textColor="@color/white"
65                 android:textSize="30sp"
66                 tools:ignore="HardcodedText" />
67             <Button
68                 android:id="@+id/brackets"
69                 android:layout_width="0dp"
70                 android:layout_height="80dp"
71                 android:layout_weight="1"
72                 android:text="()"
73                 android:background="@drawable/
ripple_effect_numbers"
74                 android:textColor="@color/white"
75                 android:textSize="30sp"
76                 tools:ignore="HardcodedText" />
77
78             <Button
79                 android:id="@+id/percentage"
80                 android:layout_width="0dp"
81                 android:layout_height="80dp"
82                 android:layout_weight="1"
83                 android:text="%"
84                 android:background="@drawable/
ripple_effect_numbers"
85                 android:textColor="@color/white"
86                 android:textSize="30sp"
87                 tools:ignore="HardcodedText" />

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88         <Button
89             android:id="@+id/division"
90             android:layout_width="0dp"
91             android:layout_height="80dp"
92             android:layout_weight="1"
93             android:background="@drawable/
ripple_effect_operations"
94             android:text="/"
95             android:textColor="@color/white"
96             android:textSize="30sp"
97             tools:ignore="HardcodedText,MissingConstraints
" />
98     </LinearLayout>
99     <LinearLayout
100         android:layout_width="match_parent"
101         android:layout_height="wrap_content"
102         android:orientation="horizontal">
103         <Button
104             android:id="@+id/number7"
105             android:layout_width="0dp"
106             android:layout_height="80dp"
107             android:layout_weight="1"
108             android:text="7"
109             android:background="@drawable/
ripple_effect_numbers"
110             android:textColor="@color/white"
111             android:textSize="30sp"
112             tools:ignore="HardcodedText" />
113         <Button
114             android:id="@+id/number8"
115             android:layout_width="0dp"
116             android:layout_height="80dp"
117             android:layout_weight="1"
118             android:text="8"
119             android:background="@drawable/
ripple_effect_numbers"
120             android:textColor="@color/white"
121             android:textSize="30sp"
122             tools:ignore="HardcodedText" />
123
124         <Button
125             android:id="@+id/number9"
126             android:layout_width="0dp"
127             android:layout_height="80dp"
128             android:layout_weight="1"
129             android:text="9"

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130         android:background="@drawable/
ripple_effect_numbers"
131         android:textColor="@color/white"
132         android:textSize="30sp"
133         tools:ignore="HardcodedText" />
134     <Button
135         android:id="@+id/multiplilication"
136         android:layout_width="0dp"
137         android:layout_height="80dp"
138         android:layout_weight="1"
139         android:background="@drawable/
ripple_effect_operations"
140         android:text="x"
141         android:textColor="@color/white"
142         android:textSize="30sp"
143         tools:ignore="HardcodedText,
MissingConstraints" />
144     </LinearLayout>
145     <LinearLayout
146         android:layout_width="match_parent"
147         android:layout_height="wrap_content"
148         android:orientation="horizontal">
149         <Button
150             android:id="@+id/number4"
151             android:layout_width="0dp"
152             android:layout_height="80dp"
153             android:layout_weight="1"
154             android:text="4"
155             android:background="@drawable/
ripple_effect_numbers"
156             android:textColor="@color/white"
157             android:textSize="30sp"
158             tools:ignore="HardcodedText" />
159         <Button
160             android:id="@+id/number5"
161             android:layout_width="0dp"
162             android:layout_height="80dp"
163             android:layout_weight="1"
164             android:text="5"
165             android:background="@drawable/
ripple_effect_numbers"
166             android:textColor="@color/white"
167             android:textSize="30sp"
168             tools:ignore="HardcodedText" />
169
170     <Button

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171         android:id="@+id/number6"
172         android:layout_width="0dp"
173         android:layout_height="80dp"
174         android:layout_weight="1"
175         android:text="6"
176         android:background="@drawable/
ripple_effect_numbers"
177         android:textColor="@color/white"
178         android:textSize="30sp"
179         tools:ignore="HardcodedText" />
180     <Button
181         android:id="@+id/subtraction"
182         android:layout_width="0dp"
183         android:layout_height="80dp"
184         android:layout_weight="1"
185         android:background="@drawable/
ripple_effect_operations"
186         android:text="-"
187         android:textColor="@color/white"
188         android:textSize="30sp"
189         tools:ignore="HardcodedText,
MissingConstraints" />
190     </LinearLayout>
191     <LinearLayout
192         android:layout_width="match_parent"
193         android:layout_height="wrap_content"
194         android:orientation="horizontal">
195         <Button
196             android:id="@+id/number1"
197             android:layout_width="0dp"
198             android:layout_height="80dp"
199             android:layout_weight="1"
200             android:text="1"
201             android:background="@drawable/
ripple_effect_numbers"
202             android:textColor="@color/white"
203             android:textSize="30sp"
204             tools:ignore="HardcodedText" />
205         <Button
206             android:id="@+id/number2"
207             android:layout_width="0dp"
208             android:layout_height="80dp"
209             android:layout_weight="1"
210             android:text="2"
211             android:background="@drawable/
ripple_effect_numbers"

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212         android:textColor="@color/white"
213         android:textSize="30sp"
214         tools:ignore="HardcodedText" />
215
216     <Button
217         android:id="@+id/number3"
218         android:layout_width="0dp"
219         android:layout_height="80dp"
220         android:layout_weight="1"
221         android:text="3"
222         android:background="@drawable/
ripple_effect_numbers"
223         android:textColor="@color/white"
224         android:textSize="30sp"
225         tools:ignore="HardcodedText" />
226     <Button
227         android:id="@+id/addition"
228         android:layout_width="0dp"
229         android:layout_height="80dp"
230         android:layout_weight="1"
231         android:background="@drawable/
ripple_effect_operations"
232         android:text="+"
233         android:textColor="@color/white"
234         android:textSize="30sp"
235         tools:ignore="HardcodedText,
MissingConstraints" />
236     </LinearLayout>
237     <LinearLayout
238         android:layout_width="match_parent"
239         android:layout_height="wrap_content"
240         android:orientation="horizontal">
241         <Button
242             android:id="@+id/clear"
243             android:layout_width="0dp"
244             android:layout_height="80dp"
245             android:layout_weight="1"
246             android:text="C"
247             android:background="@drawable/
ripple_effect_numbers"
248             android:textColor="@color/white"
249             android:textSize="30sp"
250             tools:ignore="HardcodedText" />
251         <Button
252             android:id="@+id/number0"
253             android:layout_width="0dp"

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254         android:layout_height="80dp"
255         android:layout_weight="1"
256         android:text="0"
257         android:background="@drawable/
ripple_effect_numbers"
258         android:textColor="@color/white"
259         android:textSize="30sp"
260         tools:ignore="HardcodedText" />
261
262     <Button
263         android:id="@+id/dot"
264         android:layout_width="0dp"
265         android:layout_height="80dp"
266         android:layout_weight="1"
267         android:text="."
268         android:background="@drawable/
ripple_effect_numbers"
269         android:textColor="@color/white"
270         android:textSize="30sp"
271         tools:ignore="HardcodedText" />
272
273     <Button
274         android:id="@+id/equal"
275         android:layout_width="0dp"
276         android:layout_height="80dp"
277         android:layout_weight="1"
278         android:background="@drawable/red_button"
279         android:text="="
280         android:textColor="@color/white"
281         android:textSize="30sp"
282         tools:ignore="HardcodedText,
MissingConstraints" />
283     </LinearLayout>
284
285
286
287
288
289
290
291
292
293
294
295     </LinearLayout>
296 </androidx.constraintlayout.widget.ConstraintLayout>
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