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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   <Button
10    android:id="@+id/button_main_a"
11    android:layout_width="wrap_content"
12    android:layout_height="wrap_content"
13    android:text="@string/a_note"
14    app:layout_constraintBottom_toTopOf="@+id/button_main_bb"
15    app:layout_constraintEnd_toEndOf="parent"
16    app:layout_constraintHorizontal_bias="0.108"
17    app:layout_constraintStart_toStartOf="parent"
18    app:layout_constraintTop_toTopOf="parent" />
19
20   <Button
21    android:id="@+id/button_main_bb"
22    android:layout_width="wrap_content"
23    android:layout_height="wrap_content"
24    android:text="@string/b_flat_note"
25    app:layout_constraintBottom_toTopOf="@+id/button_main_b"
26    app:layout_constraintEnd_toEndOf="parent"
27    app:layout_constraintHorizontal_bias="0.108"
28    app:layout_constraintStart_toStartOf="parent"
29    app:layout_constraintTop_toBottomOf="@+id/button_main_a" />
30
31   <Button
32    android:id="@+id/button_main_b"
33    android:layout_width="wrap_content"
34    android:layout_height="wrap_content"
35    android:text="@string/b_note"
36    app:layout_constraintBottom_toTopOf="@+id/button_main_c"
37    app:layout_constraintEnd_toEndOf="parent"
38    app:layout_constraintHorizontal_bias="0.108"
39    app:layout_constraintStart_toStartOf="parent"
40    app:layout_constraintTop_toBottomOf="@+id/button_main_bb" />
41
42   <Button
43    android:id="@+id/button_main_c"
44    android:layout_width="wrap_content"
45    android:layout_height="wrap_content"
46    android:text="@string/c_note"
47    app:layout_constraintBottom_toBottomOf="parent"
48    app:layout_constraintEnd_toEndOf="parent"
49    app:layout_constraintHorizontal_bias="0.108"
50    app:layout_constraintStart_toStartOf="parent"
51    app:layout_constraintTop_toBottomOf="@+id/button_main_b" />
52
53   <Button
54    android:id="@+id/button_main_e"
55    android:layout_width="wrap_content"
56    android:layout_height="wrap_content"
57    android:text="@string/e_note"
58    app:layout_constraintBottom_toTopOf="@+id/button_main_dS"
59    app:layout_constraintEnd_toStartOf="@+id/button_main_f"
60    app:layout_constraintHorizontal_bias="0.5"
61    app:layout_constraintStart_toEndOf="@+id/button_main_a"
62    app:layout_constraintTop_toTopOf="parent"
63    app:layout_constraintVertical_bias="0.5" />
64
65   <Button
66    android:id="@+id/button_main_dS"
67    android:layout_width="wrap_content"
68    android:layout_height="wrap_content"
69    android:text="@string/dS_note"
70    app:layout_constraintBottom_toTopOf="@+id/button_main_d"
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71      app:layout_constraintEnd_toStartOf="@+id/button_main_fs"
72      app:layout_constraintHorizontal_bias="0.5"
73      app:layout_constraintStart_toEndOf="@+id/button_main_bb"
74      app:layout_constraintTop_toBottomOf="@+id/button_main_e"
75      app:layout_constraintVertical_bias="0.5" />
76
77      <Button
78          android:id="@+id/button_main_d"
79          android:layout_width="wrap_content"
80          android:layout_height="wrap_content"
81          android:text="@string/d_note"
82          app:layout_constraintBottom_toTopOf="@+id/button_main_cS"
83          app:layout_constraintEnd_toStartOf="@+id/button_main_g"
84          app:layout_constraintHorizontal_bias="0.5"
85          app:layout_constraintStart_toEndOf="@+id/button_main_b"
86          app:layout_constraintTop_toBottomOf="@+id/button_main_dS"
87          app:layout_constraintVertical_bias="0.5" />
88
89      <Button
90          android:id="@+id/button_main_cS"
91          android:layout_width="wrap_content"
92          android:layout_height="wrap_content"
93          android:text="@string/cS_note"
94          app:layout_constraintBottom_toBottomOf="parent"
95          app:layout_constraintEnd_toStartOf="@+id/button_main_gS"
96          app:layout_constraintHorizontal_bias="0.5"
97          app:layout_constraintStart_toEndOf="@+id/button_main_c"
98          app:layout_constraintTop_toBottomOf="@+id/button_main_d"
99          app:layout_constraintVertical_bias="0.5" />
100
101     <Button
102         android:id="@+id/button_main_f"
103         android:layout_width="wrap_content"
104         android:layout_height="wrap_content"
105         android:text="@string/f_note"
106         app:layout_constraintBottom_toTopOf="@+id/button_main_fs"
107         app:layout_constraintEnd_toEndOf="parent"
108         app:layout_constraintHorizontal_bias="0.5"
109         app:layout_constraintStart_toEndOf="@+id/button_main_e"
110         app:layout_constraintTop_toTopOf="parent"
111         app:layout_constraintVertical_bias="0.5" />
112
113     <Button
114         android:id="@+id/button_main_g"
115         android:layout_width="wrap_content"
116         android:layout_height="wrap_content"
117         android:text="@string/g_note"
118         app:layout_constraintBottom_toTopOf="@+id/button_main_gS"
119         app:layout_constraintEnd_toEndOf="parent"
120         app:layout_constraintHorizontal_bias="0.5"
121         app:layout_constraintStart_toEndOf="@+id/button_main_d"
122         app:layout_constraintTop_toBottomOf="@+id/button_main_fs"
123         app:layout_constraintVertical_bias="0.5" />
124
125     <Button
126         android:id="@+id/button_main_gS"
127         android:layout_width="wrap_content"
128         android:layout_height="wrap_content"
129         android:text="@string/gS_note"
130         app:layout_constraintBottom_toBottomOf="parent"
131         app:layout_constraintEnd_toEndOf="parent"
132         app:layout_constraintHorizontal_bias="0.5"
133         app:layout_constraintStart_toEndOf="@+id/button_main_cS"
134         app:layout_constraintTop_toBottomOf="@+id/button_main_g"
135         app:layout_constraintVertical_bias="0.5" />
136
137     <Button
138         android:id="@+id/button_main_fs"
139         android:layout_width="wrap_content"
140         android:layout_height="wrap_content"
141         android:text="@string/fS_note"
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142     app:layout_constraintBottom_toTopOf="@+id/button_main_g"
143     app:layout_constraintEnd_toEndOf="parent"
144     app:layout_constraintHorizontal_bias="0.5"
145     app:layout_constraintStart_toEndOf="@+id/button_main_dS"
146     app:layout_constraintTop_toBottomOf="@+id/button_main_f"
147     app:layout_constraintVertical_bias="0.5" />
148
149     <Button
150         android:id="@+id/button_main_play_song"
151         android:layout_width="wrap_content"
152         android:layout_height="wrap_content"
153         android:text="@string/play_song"
154         app:layout_constraintBottom_toBottomOf="parent"
155         app:layout_constraintEnd_toEndOf="parent"
156         app:layout_constraintHorizontal_bias="0.5"
157         app:layout_constraintStart_toStartOf="parent"
158         app:layout_constraintTop_toBottomOf="@+id/button_main_cS"
159         app:layout_constraintVertical_bias="0.5" />
160 </androidx.constraintlayout.widget.ConstraintLayout>
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