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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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