

```
1 C:\Users\sebbe\anaconda3\envs\opencv\python.exe C:/Users/sebbe/
  Desktop/MED3-local/MTA20334-3rd-Semester-Project-Program/
  HandTracking/main.py
2 sizeRatioVert 120.09677419354838
3 sizeRatioHori 523.7837837837837
4 heighDiffRelation: 1.1587301587301588
5 Distance to minimum A value: 0.24
6 Distance to maximum A value: 0.21
7 Distance to minimum B value: 0.2
8 Distance to maximum B value: 0.04
9 Distance to minimum C value: 0.41
10 Distance to maximum C value: 0.34
11
12 Min. distance: 0.04377682734723765
13 The gesture is: B
14 -----
15 sizeRatioVert 120.09677419354838
16 sizeRatioHori 501.7207792207792
17 heighDiffRelation: 1.042857142857143
18 Distance to minimum A value: 0.22
19 Distance to maximum A value: 0.19
20 Distance to minimum B value: 0.18
21 Distance to maximum B value: 0.03
22 Distance to minimum C value: 0.39
23 Distance to maximum C value: 0.32
24
25 Min. distance: 0.025216280179266398
26 The gesture is: B
27 -----
28 sizeRatioVert 112.45341614906832
29 sizeRatioHori 551.917808219178
30 heighDiffRelation: 1.1735537190082646
31 Distance to minimum A value: 0.26
32 Distance to maximum A value: 0.23
33 Distance to minimum B value: 0.23
34 Distance to maximum B value: 0.07
```

```
35 Distance to minimum C value: 0.43
36 Distance to maximum C value: 0.36
37
38 Min. distance: 0.07186778503096017
39 The gesture is: B
40 -----
41 sizeRatioVert 112.78846153846153
42 sizeRatioHori 574.6739130434783
43 heighDiffRelation: 1.1694915254237288
44 Distance to minimum A value: 0.28
45 Distance to maximum A value: 0.25
46 Distance to minimum B value: 0.24
47 Distance to maximum B value: 0.09
48 Distance to minimum C value: 0.44
49 Distance to maximum C value: 0.38
50
51 Min. distance: 0.09209555424548012
52 The gesture is: B
53 -----
54 sizeRatioVert 111.97115384615384
55 sizeRatioHori 576.5217391304348
56 heighDiffRelation: 1.1610169491525424
57 Distance to minimum A value: 0.28
58 Distance to maximum A value: 0.26
59 Distance to minimum B value: 0.25
60 Distance to maximum B value: 0.09
61 Distance to minimum C value: 0.45
62 Distance to maximum C value: 0.38
63
64 Min. distance: 0.0943979944998678
65 The gesture is: B
66 -----
67 sizeRatioVert 182.14285714285714
68 sizeRatioHori 346.07142857142856
69 heighDiffRelation: 0.9714285714285714
70 Distance to minimum A value: 0.1
```

```
71 Distance to maximum A value: 0.06
72 Distance to minimum B value: 0.1
73 Distance to maximum B value: 0.16
74 Distance to minimum C value: 0.24
75 Distance to maximum C value: 0.17
76
77 Min. distance: 0.0645804002469951
78 The gesture is: A
79 -----
80 sizeRatioVert 186.64948453608247
81 sizeRatioHori 337.6056338028169
82 heighDiffRelation: 1.0
83 Distance to minimum A value: 0.09
84 Distance to maximum A value: 0.06
85 Distance to minimum B value: 0.1
86 Distance to maximum B value: 0.17
87 Distance to minimum C value: 0.23
88 Distance to maximum C value: 0.16
89
90 Min. distance: 0.06202350198344335
91 The gesture is: A
92 -----
93 sizeRatioVert 174.33673469387756
94 sizeRatioHori 365.3731343283582
95 heighDiffRelation: 1.0
96 Distance to minimum A value: 0.11
97 Distance to maximum A value: 0.08
98 Distance to minimum B value: 0.1
99 Distance to maximum B value: 0.14
100 Distance to minimum C value: 0.26
101 Distance to maximum C value: 0.19
102
103 Min. distance: 0.07604396500747983
104 The gesture is: A
105 -----
106 sizeRatioVert 181.78217821782178
```

```
107 sizeRatioHori 338.83561643835617
108 heighDiffRelation: 0.9097222222222222
109 Distance to minimum A value: 0.09
110 Distance to maximum A value: 0.06
111 Distance to minimum B value: 0.1
112 Distance to maximum B value: 0.16
113 Distance to minimum C value: 0.23
114 Distance to maximum C value: 0.17
115
116 Min. distance: 0.061420849251598665
117 The gesture is: A
118 -----
119 sizeRatioVert 178.2258064516129
120 sizeRatioHori 349.15384615384613
121 heighDiffRelation: 1.0317460317460319
122 Distance to minimum A value: 0.1
123 Distance to maximum A value: 0.07
124 Distance to minimum B value: 0.1
125 Distance to maximum B value: 0.15
126 Distance to minimum C value: 0.25
127 Distance to maximum C value: 0.18
128
129 Min. distance: 0.06746112594960667
130 The gesture is: A
131 -----
132 sizeRatioVert 183.70967741935485
133 sizeRatioHori 320.52083333333333
134 heighDiffRelation: 1.0634920634920635
135 Distance to minimum A value: 0.08
136 Distance to maximum A value: 0.06
137 Distance to minimum B value: 0.1
138 Distance to maximum B value: 0.18
139 Distance to minimum C value: 0.22
140 Distance to maximum C value: 0.15
141
142 Min. distance: 0.05779564219907887
```

```
143 The gesture is: A
144 -----
145 sizeRatioVert 193.44827586206895
146 sizeRatioHori 315.0
147 heighDiffRelation: 1.11864406779661
148 Distance to minimum A value: 0.09
149 Distance to maximum A value: 0.07
150 Distance to minimum B value: 0.11
151 Distance to maximum B value: 0.19
152 Distance to minimum C value: 0.21
153 Distance to maximum C value: 0.14
154
155 Min. distance: 0.06554252630310295
156 The gesture is: A
157 -----
158 sizeRatioVert 184.6551724137931
159 sizeRatioHori 329.53846153846155
160 heighDiffRelation: 1.0677966101694916
161 Distance to minimum A value: 0.09
162 Distance to maximum A value: 0.07
163 Distance to minimum B value: 0.11
164 Distance to maximum B value: 0.18
165 Distance to minimum C value: 0.23
166 Distance to maximum C value: 0.16
167
168 Min. distance: 0.06584199315196161
169 The gesture is: A
170 -----
171 sizeRatioVert 172.93103448275863
172 sizeRatioHori 349.5967741935484
173 heighDiffRelation: 1.0172413793103448
174 Distance to minimum A value: 0.1
175 Distance to maximum A value: 0.07
176 Distance to minimum B value: 0.1
177 Distance to maximum B value: 0.15
178 Distance to minimum C value: 0.25
```

```
179 Distance to maximum C value: 0.18
180
181 Min. distance: 0.07133248045055117
182 The gesture is: A
183 -----
184 sizeRatioVert 175.86206896551724
185 sizeRatioHori 341.3709677419355
186 heighDiffRelation: 1.0344827586206897
187 Distance to minimum A value: 0.09
188 Distance to maximum A value: 0.07
189 Distance to minimum B value: 0.1
190 Distance to maximum B value: 0.16
191 Distance to minimum C value: 0.24
192 Distance to maximum C value: 0.17
193
194 Min. distance: 0.06765612993805159
195 The gesture is: A
196 -----
197 sizeRatioVert 179.6590909090909
198 sizeRatioHori 328.40909090909093
199 heighDiffRelation: 1.0689655172413792
200 Distance to minimum A value: 0.09
201 Distance to maximum A value: 0.06
202 Distance to minimum B value: 0.1
203 Distance to maximum B value: 0.18
204 Distance to minimum C value: 0.23
205 Distance to maximum C value: 0.16
206
207 Min. distance: 0.06372659462023061
208 The gesture is: A
209 -----
210 sizeRatioVert 282.46153846153845
211 sizeRatioHori 156.47727272727272
212 heighDiffRelation: 1.87012987012987
213 Distance to minimum A value: 0.22
214 Distance to maximum A value: 0.22
```

```
215 Distance to minimum B value: 0.27
216 Distance to maximum B value: 0.39
217 Distance to minimum C value: 0.07
218 Distance to maximum C value: 0.06
219
220 Min. distance: 0.06391169705325649
221 The gesture is: C
222 -----
223 sizeRatioVert 280.5
224 sizeRatioHori 154.12087912087912
225 heighDiffRelation: 0.948051948051948
226 Distance to minimum A value: 0.22
227 Distance to maximum A value: 0.22
228 Distance to minimum B value: 0.27
229 Distance to maximum B value: 0.39
230 Distance to minimum C value: 0.06
231 Distance to maximum C value: 0.06
232
233 Min. distance: 0.06332591376690001
234 The gesture is: C
235 -----
236 sizeRatioVert 293.45238095238096
237 sizeRatioHori 141.3586956521739
238 heighDiffRelation: 1.0507246376811594
239 Distance to minimum A value: 0.24
240 Distance to maximum A value: 0.24
241 Distance to minimum B value: 0.28
242 Distance to maximum B value: 0.41
243 Distance to minimum C value: 0.07
244 Distance to maximum C value: 0.08
245
246 Min. distance: 0.07970525963170078
247 The gesture is: C
248 -----
249 sizeRatioVert 269.57142857142856
250 sizeRatioHori 150.078125
```

```
251 heighDiffRelation: 1.6263736263736264
252 Distance to minimum A value: 0.21
253 Distance to maximum A value: 0.22
254 Distance to minimum B value: 0.26
255 Distance to maximum B value: 0.39
256 Distance to minimum C value: 0.06
257 Distance to maximum C value: 0.06
258
259 Min. distance: 0.06467448078942735
260 The gesture is: C
261 -----
262 sizeRatioVert 278.4868421052632
263 sizeRatioHori 154.54545454545453
264 heighDiffRelation: 1.1527777777777777
265 Distance to minimum A value: 0.21
266 Distance to maximum A value: 0.22
267 Distance to minimum B value: 0.26
268 Distance to maximum B value: 0.39
269 Distance to minimum C value: 0.06
270 Distance to maximum C value: 0.06
271
272 Min. distance: 0.06116427582976233
273 The gesture is: C
274 -----
275 sizeRatioVert 264.5625
276 sizeRatioHori 174.33673469387756
277 heighDiffRelation: 1.2868217054263567
278 Distance to minimum A value: 0.19
279 Distance to maximum A value: 0.19
280 Distance to minimum B value: 0.24
281 Distance to maximum B value: 0.36
282 Distance to minimum C value: 0.07
283 Distance to maximum C value: 0.04
284
285 Min. distance: 0.04229445710047777
286 The gesture is: C
```



```
287 -----
288 sizeRatioVert 274.125
289 sizeRatioHori 165.75
290 heighDiffRelation: 1.3870967741935485
291 Distance to minimum A value: 0.2
292 Distance to maximum A value: 0.21
293 Distance to minimum B value: 0.25
294 Distance to maximum B value: 0.37
295 Distance to minimum C value: 0.07
296 Distance to maximum C value: 0.05
297
298 Min. distance: 0.0499998502645491
299 The gesture is: C
300 -----
301 sizeRatioVert 280.82278481012656
302 sizeRatioHori 154.54545454545453
303 heighDiffRelation: 1.359375
304 Distance to minimum A value: 0.22
305 Distance to maximum A value: 0.22
306 Distance to minimum B value: 0.26
307 Distance to maximum B value: 0.39
308 Distance to minimum C value: 0.06
309 Distance to maximum C value: 0.06
310
311 Min. distance: 0.06141667661070768
312 The gesture is: C
313 -----
314 sizeRatioVert 308.2835820895522
315 sizeRatioHori 132.40384615384616
316 heighDiffRelation: 1.1172413793103448
317 Distance to minimum A value: 0.25
318 Distance to maximum A value: 0.25
319 Distance to minimum B value: 0.3
320 Distance to maximum B value: 0.42
321 Distance to minimum C value: 0.08
322 Distance to maximum C value: 0.09
```

```
323
324 Min. distance: 0.09333129781340521
325 The gesture is: C
326 -----
327 sizeRatioVert 309.9230769230769
328 sizeRatioHori 145.71428571428572
329 heighDiffRelation: 1.1366906474820144
330 Distance to minimum A value: 0.24
331 Distance to maximum A value: 0.24
332 Distance to minimum B value: 0.29
333 Distance to maximum B value: 0.41
334 Distance to minimum C value: 0.08
335 Distance to maximum C value: 0.08
336
337 Min. distance: 0.08432137846920504
338 The gesture is: C
339 -----
340 sizeRatioVert 287.7857142857143
341 sizeRatioHori 149.6173469387755
342 heighDiffRelation: 1.0193548387096774
343 Distance to minimum A value: 0.23
344 Distance to maximum A value: 0.23
345 Distance to minimum B value: 0.27
346 Distance to maximum B value: 0.39
347 Distance to minimum C value: 0.07
348 Distance to maximum C value: 0.07
349
350 Min. distance: 0.06935765834452136
351 The gesture is: C
352 -----
353 sizeRatioVert 316.55172413793105
354 sizeRatioHori 168.98809523809524
355 heighDiffRelation: 1.6615384615384616
356 Distance to minimum A value: 0.24
357 Distance to maximum A value: 0.23
358 Distance to minimum B value: 0.28
```

```
359 Distance to maximum B value: 0.39
360 Distance to minimum C value: 0.1
361 Distance to maximum C value: 0.08
362
363 Min. distance: 0.0758762879521688
364 The gesture is: C
365 -----
366 sizeRatioVert 310.30120481927713
367 sizeRatioHori 187.30088495575222
368 heighDiffRelation: 1.578125
369 Distance to minimum A value: 0.22
370 Distance to maximum A value: 0.22
371 Distance to minimum B value: 0.27
372 Distance to maximum B value: 0.37
373 Distance to minimum C value: 0.11
374 Distance to maximum C value: 0.07
375
376 Min. distance: 0.0654525893434869
377 The gesture is: C
378 -----
379
380 Process finished with exit code -1
381
```