```
1 C:\Users\Julia\AppData\Local\Programs\Python\Python38-32\python.exe C:/CS363 AI/6
2 Console output is saving to: C:\CS363 AI\CS363 Artificial Intelligence Repo\HW2
3 filename hw2dataset 10.txt
4 Provided
 5 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
                 0.8
                            0.4
6
                                       0.7
7 total iterations: 5
  -----Gender Table-----
9
   P(Gender=0) P(Gender=1)
    10
11
12
13 ------Weight|Gender Table-----
14 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|Gender=0)
15
        0.862349
                     0.137651
                                  0.634399
                                               0.365601
16
17
18 ------Height|Gender Table------
19
   P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
20
        0.688252
                  0.311748
                                4.480958e-07
                                                   1.0
21
22
23
  Test Case #1
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
24
25
    0.383271
                 0.511622
                              0.027045
                                           0.465921
                                                         0.96269
26 total iterations: 5
27 ------Gender Table-----
  P(Gender=0) P(Gender=1)
28
29
    0.726481 0.273519
30
31
32 ------Weight|Gender Table-----
33 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|Gender=0)
34
         0.86235
                0.13765
                                 0.634394
                                              0.365606
35
36
37 ------Height|Gender Table------
   P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
38
39
        0.688248 0.311752 7.684886e-07
                                                0.999999
40
41
42 Test Case #2
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
43
44
    0.527978
                 0.816105
                              0.256124
                                       0.931043
                                                    0.141905
45 total iterations: 5
45 total iterations: 5
46 ------Gender Table------
47
   P(Gender=0) P(Gender=1)
48
    0.726472 0.273528
49
50
51 ------Weight|Gender Table-----
```

```
P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
                                  0.634407
         0.862348
                   0.137652
53
                                               0.365593
54
55
56 ------Height|Gender Table------
57 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
                 0.311742
                                2.295971e-07
58
         0.688258
                                                  1.0
59
60
61 Test Case #3
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
                 0.1
                            0.1
                                      0.1
                                                 0.1
63
       0.1
64 total iterations: 6
65 ------Gender Table-----
66 P(Gender=0) P(Gender=1)
67
   0.726475 0.273525
68
69
70 ------Weight|Gender Table------
71 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
72
         0.862349
                 0.137651
                                  73
74
75 ------Height|Gender Table------
76 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
         0.688255 0.311745 4.158310e-07
77
                                                  1.0
78
79
80 Test Case #4
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
81
82
       0.9
                 0.9
                     0.9
                                0.9
83 total iterations: 5
83 total iterations: 5
84 ------Gender Table------
85 P(Gender=0) P(Gender=1)
86
   0.726481 0.273519
87
88
   ------Weight|Gender Table------
90 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|Gender=1)
91
         0.86235
                   0.13765
                             0.634395
                                              0.365605
92
93
94 ------Height|Gender Table------
95 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
         0.688249 0.311751 5.168287e-07
96
                                                0.999999
97
98
99 Test Case #5
100 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
       0.5
                 0.5
                      0.5 0.5
                                                 0.5
101
102 total iterations: 6
```

	wz_output.txt
103	Gender Table
104	P(Gender=1) P(Gender=1)
105	0.726476 0.273524
106	
107	
	W. 1.10 1 m.11
108	Weight Gender Table
109	P(Weight=0 Gender=0) P(Weight=1 Gender=0) P(Weight=0 Gender=1) P(Weight=1
110	0.862349
111	
112	
113	Height Gender Table
114	P(Height=0 Gender=0) P(Height=1 Gender=0) P(Height=0 Gender=1) P(Height=1 Gender=1) P(Height=
115	0.688254 0.311746 2.123324e-07 1.0
116	
117	
118	********************
119	filename hw2dataset 30.txt
120	Provided Provided
121	P(Gender=0) P(Weight=0 Gender=0) P(Weight=0 Gender=1) P(Height=0 Gender=0)
122	0.7 0.8 0.4 0.7 0.3
123	total iterations: 4
124	Gender Table
125	P(Gender=1) P(Gender=1)
126	0.555546 0.444454
127	
128	
	W ' 14C 1 T 11
129	\mathcal{E}_{-}
130	P(Weight=0 Gender=0) P(Weight=1 Gender=0) P(Weight=0 Gender=1) P(Weight=1
131	0.892362
132	
133	
134	Height Gender Table
135	P(Height=0 Gender=0) P(Height=1 Gender=0) P(Height=0 Gender=1) P(Height=1 Gender=1)
136	0.532355 0.467645 0.234562 0.765438
	0.552555 0.407045 0.254502 0.705450
137	
138	T C
139	Test Case #1
140	P(Gender=0) P(Weight=0 Gender=0) P(Weight=0 Gender=1) P(Height=0 Gender=0)
141	0.383271
142	total iterations: 5
143	Gender Table
144	P(Gender=0) P(Gender=1)
145	0.555562 0.444438
	0.333302
146	
147	
148	Weight Gender Table
149	P(Weight=0 Gender=0) P(Weight=1 Gender=0) P(Weight=0 Gender=1) P(Weight=1
150	0.892329
151	
152	
153	Height Gender Table
133	

```
154 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=1)
                     0.467666
155
         0.532334
                                  0.234578
                                              0.765422
156
157
158 Test Case #2
159
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
                 0.816105
                                           0.931043
160
     0.527978
                              0.256124
                                                       0.141905
161 total iterations: 4
162 ------Gender Table-------
163 P(Gender=0) P(Gender=1)
   164
165
166
167 ------Weight|Gender Table------
168 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|Gender=1)
                 0.107333
169
         0.892667
                                  0.234423 0.765577
170
171
172 ------Height|Gender Table------
173 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
                 0.467445
174
         0.532555
                                  0.234423 0.765577
175
176
177 Test Case #3
178 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
179
       0.1
                  0.1
                      0.1 0.1
                                                 0.1
180 total iterations: 4
181 ------Gender Table------
182 P(Gender=0) P(Gender=1)
     0.555503 0.444497
183
184
185
186 ------Weight|Gender Table------
187 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
         0.892397
                                          0.765418
188
                  0.107603
                             0.234582
189
190
191 -------Height|Gender Table------
192 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
193
       0.532363
                  0.467637 0.234582
                                          0.765418
194
195
196 Test Case #4
197 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
198
       0.9
                 0.9
                     0.9
                                 0.9
199 total iterations: 6
                  -----Gender Table-----
200 -----
   P(Gender=0) P(Gender=1)
201
    0.555464 0.444536
202
203
204
```

```
205 ------Weight|Gender Table-----
206 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
              0.107487
                                  0.765506
207
       0.892513
                            0.234494
208
209
210 ------Height|Gender Table------
211 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
212
       213
214
215 Test Case #5
216 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
              0.5 0.5 0.5
217
      0.5
218 total iterations: 5
219 ------Gender Table------
220 P(Gender=0) P(Gender=1)
221 0.555512 0.444488
222
223
224 ------Weight|Gender Table------
225 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
226
       0.892423
              227
228
229 ------Height|Gender Table------
230 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
231
               0.532394
232
233
235 filename hw2dataset 50.txt
236 Provided
237 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
238
              0.8 0.4 0.7
      0.7
239 total iterations: 30
240 ------Gender Table------
241 P(Gender=0) P(Gender=1)
   0.704226 0.295774
242
243
244
246 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
247
        0.69528
              0.626857
248
249
250 ------Height|Gender Table------
251 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
              0.148093
                        0.000221
252
       0.851907
                                  0.999779
253
254
255 Test Case #1
```

```
256 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
                           0.027045
                0.511622
    0.383271
                                       0.465921
                                                   0.96269
258 total iterations: 32
259 ------Gender Table------
260 P(Gender=0) P(Gender=1)
261
   0.704212 0.295788
262
263
264 ------Weight|Gender Table------
265 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
               0.695288
                                          0.626861
266
267
268
269 ------Height|Gender Table------
270 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
271
        0.851903
               272
273
274 Test Case #2
275 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
276
     0.527978
                0.816105 0.256124 0.931043
277 total iterations: 29
278 ------Gender Table------
279 P(Gender=0) P(Gender=1)
   0.704219 0.295781
280
281
282
284 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
        0.695284
                0.304716 0.373141
285
                                          0.626859
286
287
288 ------Height|Gender Table------
289 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
290
                0.148095
        0.851905
                           0.000243
                                          0.999757
291
292
293
   Test Case #3
294 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
295
       0.1
                0.1
                               0.1
296 total iterations: 35
   -----Gender Table-----
297
   P(Gender=0) P(Gender=1)
298
299
    0.704215 0.295785
300
301
302 ------Weight|Gender Table------
303 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
        0.695286 0.304714 0.37314
304
                                          0.62686
305
306
```

```
307 ------Height|Gender Table-----
308 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
309
        0.851904
                0.148096
                                0.000259 0.999741
310
311
312 Test Case #4
313 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
                 0.9 0.9 0.9
314
       0.9
315 total iterations: 27
316 ------Gender Table------
317 P(Gender=0) P(Gender=1)
   0.704222 0.295778
318
319
320
321 ------Weight|Gender Table------
322 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
        0.695282
                 0.304718
                                0.373142
323
                                            0.626858
324
325
326 ------Height|Gender Table------
327 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
328
        0.851906
                0.148094
                            0.000233
                                            0.999767
329
330
331 Test Case #5
P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
333
                0.5 0.5
                               0.5
       0.5
334 total iterations: 33
335 ------Gender Table------
336 P(Gender=0) P(Gender=1)
   0.704217 0.295783
337
338
339
340 ------Weight|Gender Table------
P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
                0.304715
        0.695285
                                0.373141 0.626859
342
343
344
345 ------Height|Gender Table------
346 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
347
        0.851905
                    0.148095
                                0.000249
                                            0.999751
348
349
350 *********************
351 filename hw2dataset 70.txt
352 Provided
353 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
                 0.8
                    0.4
354
                               0.7
355 total iterations: 65
356 ------Gender Table------
357 P(Gender=0) P(Gender=1)
```

```
0.573436  0.426564
358
359
360
361 ------Weight|Gender Table------
362 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
               0.497365
363
        0.502635
                              0.027595
                                         0.972405
364
365
366 ------Height|Gender Table------
367 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
        368
369
370
371 Test Case #1
372 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
373
    0.383271
               374 total iterations: 9
375 -----Gender Table-----
376 P(Gender=0) P(Gender=1)
377 0.576453 0.423547
378
379
381 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
        0.504306
               0.495694 0.021937
                                         0.978063
382
383
384
385 ------Height|Gender Table------
386 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
        0.544071
               0.455929
                              0.203918
                                         0.796082
387
388
389
390 Test Case #2
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
391
                                 0.931043
               0.816105
                          0.256124
392
   0.527978
393 total iterations: 80
394 ------Gender Table------
395 P(Gender=0) P(Gender=1)
   0.573502 0.426498
396
397
398
400 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
401
        0.502683
               0.497317
                              0.027457 0.972543
402
403
   ------Height|Gender Table------
404
405 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
        0.546521 0.453479
406
                              0.202977 0.797023
407
408
```

```
409 Test Case #3
410 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
411
       0.1
                 0.1
                           0.1
                                     0.1
412 total iterations: 82
413 ------Gender Table------
414 P(Gender=0) P(Gender=1)
     415
416
417
418 ------Weight|Gender Table------
419 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
420
         0.502668
                     0.497332
                                 0.027498
                                              0.972502
421
422
423 ------Height|Gender Table------
424 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
425
         0.546538
                     0.453462
                                  0.20297
                                              0.79703
426
427
428 Test Case #4
429
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
430
                 0.9
                     0.9
                                     0.9
431 total iterations: 22
432 ------Gender Table------
433 P(Gender=0) P(Gender=1)
434
    0.573507 0.426493
435
436
437 -------Weight|Gender Table-----
438 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|Gender=1)
439
         0.502686
                 0.497314
                                 0.027448 0.972552
440
441
442 ------Height|Gender Table------
443 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
444
         0.546517
                0.453483
                                 0.202978
                                             0.797022
445
446
447 Test Case #5
448 P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
449
       0.5
                 0.5
                           0.5
                                     0.5
                                                0.5
450 total iterations: 75
   -----Gender Table-----
451
   P(Gender=0) P(Gender=1)
452
     0.573511 0.426489
453
454
455
457 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
458
         0.502689
                    0.497311
                                 0.027439
                                             0.972561
459
```

```
460
461 ------Height|Gender Table------
462 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
463
         0.546513
                     0.453487
                                 0.20298
                                             0.79702
464
465
   *********************
466
467 filename hw2dataset 100.txt
468 Provided
469
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
470
                 0.8
                           0.4 0.7
471 total iterations: 8
472 -----Gender Table-----
473 P(Gender=0) P(Gender=1)
     0.720806 0.279194
474
475
476
477 ------Weight|Gender Table------
478 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
479
         0.831221
                  0.168779
                                 0.361221
                                             0.638779
480
481
482 ------Height|Gender Table------
483 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
484
         0.7813
                    0.2187
                               0.311017
                                           0.688983
485
486
487 Test Case #1
488
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
489
                 0.511622
                                         0.465921
     0.383271
                             0.027045
                                                      0.96269
490 total iterations: 19
491 ------Gender Table------
492 P(Gender=0) P(Gender=1)
493
     0.76765 0.23235
494
495
P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|Gender=1)
497
498
         0.823673
                0.176327
                                 0.291403 0.708597
499
500
501 ------Height|Gender Table------
502 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
503
         0.75895
                0.24105
                             0.290044
                                            0.709956
504
505
506 Test Case #2
507
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
                 0.816105
                             0.256124
                                         0.931043
508
     0.527978
                                                     0.141905
509 total iterations: 7
510 ------Gender Table------
```

```
P(Gender=0) P(Gender=1)
              0.37755
512
      0.62245
513
514
515 ------Weight|Gender Table------
516 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
517
          0.80374
                       0.19626
                                   0.528968
                                                0.471032
518
519
520 ------Height|Gender Table------
   P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
521
522
          0.914255
                       0.085745
                                    0.214335
                                                 0.785665
523
524
525 Test Case #3
526
    P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
527
        0.1
                   0.1
                             0.1
                                         0.1
                                                   0.1
528 total iterations: 2
529
   -----Gender Table------
530 P(Gender=0) P(Gender=1)
531
        0.1 0.9
532
533
534 -------Weight|Gender Table------
535 P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|Gender=1)
536
            0.7
                       0.3
                                  0.7
                                            0.3
537
538
539 ------Height|Gender Table------
540 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
541
           0.65
                       0.35
                                  0.65
                                             0.35
542
543
544 Test Case #4
   P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
                   0.9
                             0.9
546
        0.9
                                         0.9
                                                   0.9
547 total iterations: 2
547 total iterations: 2
548 ------Gender Table------
   P(Gender=0) P(Gender=1)
549
550
        0.9
              0.1
551
552
   ------Weight|Gender Table-----
553
P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|
555
            0.7
                       0.3
                                  0.7
                                            0.3
556
557
558 ------Height|Gender Table------
559 P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=0)
560
                       0.35
                                  0.65
                                             0.35
           0.65
561
```

```
562
563 Test Case #5
    P(Gender=0) P(Weight=0|Gender=0) P(Weight=0|Gender=1) P(Height=0|Gender=0)
564
                    0.5
                                           0.5
565
        0.5
                               0.5
566 total iterations: 2
    -----Gender Table-----
567
568
    P(Gender=0) P(Gender=1)
        0.5
569
            0.5
570
571
    ------Weight|Gender Table-----
572
573
    P(Weight=0|Gender=0) P(Weight=1|Gender=0) P(Weight=0|Gender=1) P(Weight=1|Gender=1)
574
            0.7
                        0.3
                                   0.7
                                               0.3
575
576
577
               -----Height|Gender Table------
    P(Height=0|Gender=0) P(Height=1|Gender=0) P(Height=0|Gender=1) P(Height=1|Gender=1)
578
579
            0.65
                        0.35
                                    0.65
                                                0.35
580
581
582
583 Process finished with exit code 0
584
```