

```
1 /Library/Java/JavaVirtualMachines/jdk-13.jdk/Contents/Home/
  bin/java "-javaagent:/Applications/IntelliJ IDEA CE.app/
  Contents/lib/idea_rt.jar=51800:/Applications/IntelliJ IDEA
  CE.app/Contents/bin" -Dfile.encoding=UTF-8 -classpath /
  Users/aarav/IdeaProjects/BBGraph/out/production/BBGraph
  BBGraphTest
2 start node :0
3 relation combination number :0
4 4674573 nanoseconds
5 Match subgraph sum: 2
6 -----
7 relation combination number :1
8 797554 nanoseconds
9 Match subgraph sum: 2
10 -----
11 relation combination number :2
12 789689 nanoseconds
13 Match subgraph sum: 2
14 -----
15 relation combination number :3
16 793073 nanoseconds
17 Match subgraph sum: 2
18 -----
19 relation combination number :4
20 642840 nanoseconds
21 Match subgraph sum: 2
22 -----
23 relation combination number :5
24 536011 nanoseconds
25 Match subgraph sum: 2
26 -----
27 relation combination number :6
28 615335 nanoseconds
29 Match subgraph sum: 2
30 -----
31 relation combination number :7
32 587095 nanoseconds
33 Match subgraph sum: 2
34 -----
35 relation combination number :8
36 521444 nanoseconds
37 Match subgraph sum: 2
38 -----
39 relation combination number :9
40 480365 nanoseconds
41 Match subgraph sum: 2
42 -----
43 relation combination number :10
44 547310 nanoseconds
45 Match subgraph sum: 2
```

```
46 -----
47 relation combination number :11
48 607004 nanoseconds
49 Match subgraph sum: 2
50 -----
51 relation combination number :12
52 815375 nanoseconds
53 Match subgraph sum: 2
54 -----
55 relation combination number :13
56 395983 nanoseconds
57 Match subgraph sum: 2
58 -----
59 relation combination number :14
60 376305 nanoseconds
61 Match subgraph sum: 2
62 -----
63 relation combination number :15
64 362721 nanoseconds
65 Match subgraph sum: 2
66 -----
67 relation combination number :16
68 371164 nanoseconds
69 Match subgraph sum: 2
70 -----
71 relation combination number :17
72 463744 nanoseconds
73 Match subgraph sum: 2
74 -----
75 relation combination number :18
76 382872 nanoseconds
77 Match subgraph sum: 2
78 -----
79 relation combination number :19
80 443914 nanoseconds
81 Match subgraph sum: 2
82 -----
83 relation combination number :20
84 377321 nanoseconds
85 Match subgraph sum: 2
86 -----
87 relation combination number :21
88 337027 nanoseconds
89 Match subgraph sum: 2
90 -----
91 relation combination number :22
92 415879 nanoseconds
93 Match subgraph sum: 2
94 -----
95 relation combination number :23
```

```
96 314802 nanoseconds
97 Match subgraph sum: 2
98 -----
99 start node :1
100 relation combination number :0
101 377828 nanoseconds
102 Match subgraph sum: 2
103 -----
104 relation combination number :1
105 358683 nanoseconds
106 Match subgraph sum: 2
107 -----
108 relation combination number :2
109 392831 nanoseconds
110 Match subgraph sum: 2
111 -----
112 relation combination number :3
113 364872 nanoseconds
114 Match subgraph sum: 2
115 -----
116 relation combination number :4
117 359283 nanoseconds
118 Match subgraph sum: 2
119 -----
120 relation combination number :5
121 348266 nanoseconds
122 Match subgraph sum: 2
123 -----
124 relation combination number :6
125 7160672 nanoseconds
126 Match subgraph sum: 2
127 -----
128 relation combination number :7
129 636327 nanoseconds
130 Match subgraph sum: 2
131 -----
132 relation combination number :8
133 293018 nanoseconds
134 Match subgraph sum: 2
135 -----
136 relation combination number :9
137 12857735 nanoseconds
138 Match subgraph sum: 2
139 -----
140 relation combination number :10
141 4054077 nanoseconds
142 Match subgraph sum: 2
143 -----
144 relation combination number :11
145 291585 nanoseconds
```

```
146 Match subgraph sum: 2
147 -----
148 relation combination number :12
149 292504 nanoseconds
150 Match subgraph sum: 2
151 -----
152 relation combination number :13
153 283506 nanoseconds
154 Match subgraph sum: 2
155 -----
156 relation combination number :14
157 344320 nanoseconds
158 Match subgraph sum: 2
159 -----
160 relation combination number :15
161 458379 nanoseconds
162 Match subgraph sum: 2
163 -----
164 relation combination number :16
165 283731 nanoseconds
166 Match subgraph sum: 2
167 -----
168 relation combination number :17
169 286883 nanoseconds
170 Match subgraph sum: 2
171 -----
172 relation combination number :18
173 275903 nanoseconds
174 Match subgraph sum: 2
175 -----
176 relation combination number :19
177 284403 nanoseconds
178 Match subgraph sum: 2
179 -----
180 relation combination number :20
181 267298 nanoseconds
182 Match subgraph sum: 2
183 -----
184 relation combination number :21
185 395710 nanoseconds
186 Match subgraph sum: 2
187 -----
188 relation combination number :22
189 269434 nanoseconds
190 Match subgraph sum: 2
191 -----
192 relation combination number :23
193 277685 nanoseconds
194 Match subgraph sum: 2
195 -----
```

```
196 start node :2
197 relation combination number :0
198 289759 nanoseconds
199 Match subgraph sum: 2
200 -----
201 relation combination number :1
202 158500 nanoseconds
203 Match subgraph sum: 2
204 -----
205 relation combination number :2
206 183255 nanoseconds
207 Match subgraph sum: 2
208 -----
209 relation combination number :3
210 1049863 nanoseconds
211 Match subgraph sum: 2
212 -----
213 relation combination number :4
214 199245 nanoseconds
215 Match subgraph sum: 2
216 -----
217 relation combination number :5
218 157198 nanoseconds
219 Match subgraph sum: 2
220 -----
221 relation combination number :6
222 174522 nanoseconds
223 Match subgraph sum: 2
224 -----
225 relation combination number :7
226 157143 nanoseconds
227 Match subgraph sum: 2
228 -----
229 relation combination number :8
230 209132 nanoseconds
231 Match subgraph sum: 2
232 -----
233 relation combination number :9
234 341743 nanoseconds
235 Match subgraph sum: 2
236 -----
237 relation combination number :10
238 161887 nanoseconds
239 Match subgraph sum: 2
240 -----
241 relation combination number :11
242 238055 nanoseconds
243 Match subgraph sum: 2
244 -----
245 relation combination number :12
```

```
246 213292 nanoseconds
247 Match subgraph sum: 2
248 -----
249 relation combination number :13
250 168148 nanoseconds
251 Match subgraph sum: 2
252 -----
253 relation combination number :14
254 168465 nanoseconds
255 Match subgraph sum: 2
256 -----
257 relation combination number :15
258 183230 nanoseconds
259 Match subgraph sum: 2
260 -----
261 relation combination number :16
262 151689 nanoseconds
263 Match subgraph sum: 2
264 -----
265 relation combination number :17
266 176324 nanoseconds
267 Match subgraph sum: 2
268 -----
269 relation combination number :18
270 150815 nanoseconds
271 Match subgraph sum: 2
272 -----
273 relation combination number :19
274 132222 nanoseconds
275 Match subgraph sum: 2
276 -----
277 relation combination number :20
278 174119 nanoseconds
279 Match subgraph sum: 2
280 -----
281 relation combination number :21
282 135027 nanoseconds
283 Match subgraph sum: 2
284 -----
285 relation combination number :22
286 572633 nanoseconds
287 Match subgraph sum: 2
288 -----
289 relation combination number :23
290 186491 nanoseconds
291 Match subgraph sum: 2
292 -----
293 start node :3
294 relation combination number :0
295 110817 nanoseconds
```

```
296 Match subgraph sum: 2
297 -----
298 relation combination number :1
299 89967 nanoseconds
300 Match subgraph sum: 2
301 -----
302 relation combination number :2
303 138654 nanoseconds
304 Match subgraph sum: 2
305 -----
306 relation combination number :3
307 128277 nanoseconds
308 Match subgraph sum: 2
309 -----
310 relation combination number :4
311 128854 nanoseconds
312 Match subgraph sum: 2
313 -----
314 relation combination number :5
315 136440 nanoseconds
316 Match subgraph sum: 2
317 -----
318 relation combination number :6
319 114517 nanoseconds
320 Match subgraph sum: 2
321 -----
322 relation combination number :7
323 92505 nanoseconds
324 Match subgraph sum: 2
325 -----
326 relation combination number :8
327 108313 nanoseconds
328 Match subgraph sum: 2
329 -----
330 relation combination number :9
331 90807 nanoseconds
332 Match subgraph sum: 2
333 -----
334 relation combination number :10
335 89725 nanoseconds
336 Match subgraph sum: 2
337 -----
338 relation combination number :11
339 94162 nanoseconds
340 Match subgraph sum: 2
341 -----
342 relation combination number :12
343 102121 nanoseconds
344 Match subgraph sum: 2
345 -----
```

```
346 relation combination number :13
347 102108 nanoseconds
348 Match subgraph sum: 2
349 -----
350 relation combination number :14
351 103431 nanoseconds
352 Match subgraph sum: 2
353 -----
354 relation combination number :15
355 166960 nanoseconds
356 Match subgraph sum: 2
357 -----
358 relation combination number :16
359 108727 nanoseconds
360 Match subgraph sum: 2
361 -----
362 relation combination number :17
363 106418 nanoseconds
364 Match subgraph sum: 2
365 -----
366 relation combination number :18
367 106329 nanoseconds
368 Match subgraph sum: 2
369 -----
370 relation combination number :19
371 103573 nanoseconds
372 Match subgraph sum: 2
373 -----
374 relation combination number :20
375 119127 nanoseconds
376 Match subgraph sum: 2
377 -----
378 relation combination number :21
379 109674 nanoseconds
380 Match subgraph sum: 2
381 -----
382 relation combination number :22
383 108573 nanoseconds
384 Match subgraph sum: 2
385 -----
386 relation combination number :23
387 101365 nanoseconds
388 Match subgraph sum: 2
389 -----
390
391 Process finished with exit code 0
392
```