

C++ = member variable aliases?

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I'm pretty sure this is possible, because I'm pretty sure I've seen it done. I think it's possible, but I still really want to know if it's possible or not.

My code is like this:

```
1 struct Point {
2     int x;
3     int y;
4 };
5
6 struct Point2 {
7     int x;
8     int y;
9 };
10
11 struct Point3 {
12     int x;
13     int y;
14 };
15
16 struct Point4 {
17     int x;
18     int y;
19 };
20
21 struct Point5 {
22     int x;
23     int y;
24 };
25
26 struct Point6 {
27     int x;
28     int y;
29 };
30
31 struct Point7 {
32     int x;
33     int y;
34 };
35
36 struct Point8 {
37     int x;
38     int y;
39 };
40
41 struct Point9 {
42     int x;
43     int y;
44 };
45
46 struct Point10 {
47     int x;
48     int y;
49 };
50
51 struct Point11 {
52     int x;
53     int y;
54 };
55
56 struct Point12 {
57     int x;
58     int y;
59 };
60
61 struct Point13 {
62     int x;
63     int y;
64 };
65
66 struct Point14 {
67     int x;
68     int y;
69 };
70
71 struct Point15 {
72     int x;
73     int y;
74 };
75
76 struct Point16 {
77     int x;
78     int y;
79 };
80
81 struct Point17 {
82     int x;
83     int y;
84 };
85
86 struct Point18 {
87     int x;
88     int y;
89 };
90
91 struct Point19 {
92     int x;
93     int y;
94 };
95
96 struct Point20 {
97     int x;
98     int y;
99 };
100
101 struct Point21 {
102     int x;
103     int y;
104 };
105
106 struct Point22 {
107     int x;
108     int y;
109 };
110
111 struct Point23 {
112     int x;
113     int y;
114 };
115
116 struct Point24 {
117     int x;
118     int y;
119 };
120
121 struct Point25 {
122     int x;
123     int y;
124 };
125
126 struct Point26 {
127     int x;
128     int y;
129 };
130
131 struct Point27 {
132     int x;
133     int y;
134 };
135
136 struct Point28 {
137     int x;
138     int y;
139 };
140
141 struct Point29 {
142     int x;
143     int y;
144 };
145
146 struct Point30 {
147     int x;
148     int y;
149 };
150
151 struct Point31 {
152     int x;
153     int y;
154 };
155
156 struct Point32 {
157     int x;
158     int y;
159 };
160
161 struct Point33 {
162     int x;
163     int y;
164 };
165
166 struct Point34 {
167     int x;
168     int y;
169 };
170
171 struct Point35 {
172     int x;
173     int y;
174 };
175
176 struct Point36 {
177     int x;
178     int y;
179 };
180
181 struct Point37 {
182     int x;
183     int y;
184 };
185
186 struct Point38 {
187     int x;
188     int y;
189 };
190
191 struct Point39 {
192     int x;
193     int y;
194 };
195
196 struct Point40 {
197     int x;
198     int y;
199 };
200
201 struct Point41 {
202     int x;
203     int y;
204 };
205
206 struct Point42 {
207     int x;
208     int y;
209 };
210
211 struct Point43 {
212     int x;
213     int y;
214 };
215
216 struct Point44 {
217     int x;
218     int y;
219 };
220
221 struct Point45 {
222     int x;
223     int y;
224 };
225
226 struct Point46 {
227     int x;
228     int y;
229 };
230
231 struct Point47 {
232     int x;
233     int y;
234 };
235
236 struct Point48 {
237     int x;
238     int y;
239 };
240
241 struct Point49 {
242     int x;
243     int y;
244 };
245
246 struct Point50 {
247     int x;
248     int y;
249 };
250
251 struct Point51 {
252     int x;
253     int y;
254 };
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256 struct Point52 {
257     int x;
258     int y;
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261 struct Point53 {
262     int x;
263     int y;
264 };
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266 struct Point54 {
267     int x;
268     int y;
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271 struct Point55 {
272     int x;
273     int y;
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276 struct Point56 {
277     int x;
278     int y;
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281 struct Point57 {
282     int x;
283     int y;
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286 struct Point58 {
287     int x;
288     int y;
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291 struct Point59 {
292     int x;
293     int y;
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296 struct Point60 {
297     int x;
298     int y;
299 };
300
301 struct Point61 {
302     int x;
303     int y;
304 };
305
306 struct Point62 {
307     int x;
308     int y;
309 };
310
311 struct Point63 {
312     int x;
313     int y;
314 };
315
316 struct Point64 {
317     int x;
318     int y;
319 };
320
321 struct Point65 {
322     int x;
323     int y;
324 };
325
326 struct Point66 {
327     int x;
328     int y;
329 };
330
331 struct Point67 {
332     int x;
333     int y;
334 };
335
336 struct Point68 {
337     int x;
338     int y;
339 };
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341 struct Point69 {
342     int x;
343     int y;
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346 struct Point70 {
347     int x;
348     int y;
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351 struct Point71 {
352     int x;
353     int y;
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356 struct Point72 {
357     int x;
358     int y;
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361 struct Point73 {
362     int x;
363     int y;
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366 struct Point74 {
367     int x;
368     int y;
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371 struct Point75 {
372     int x;
373     int y;
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376 struct Point76 {
377     int x;
378     int y;
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381 struct Point77 {
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383     int y;
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386 struct Point78 {
387     int x;
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391 struct Point79 {
392     int x;
393     int y;
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396 struct Point80 {
397     int x;
398     int y;
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401 struct Point81 {
402     int x;
403     int y;
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406 struct Point82 {
407     int x;
408     int y;
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411 struct Point83 {
412     int x;
413     int y;
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416 struct Point84 {
417     int x;
418     int y;
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421 struct Point85 {
422     int x;
423     int y;
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426 struct Point86 {
427     int x;
428     int y;
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431 struct Point87 {
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433     int y;
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436 struct Point88 {
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441 struct Point89 {
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446 struct Point90 {
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451 struct Point91 {
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456 struct Point92 {
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461 struct Point93 {
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463     int y;
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466 struct Point94 {
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471 struct Point95 {
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476 struct Point96 {
477     int x;
478     int y;
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491 struct Point99 {
492     int x;
493     int y;
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496 struct Point100 {
497     int x;
498     int y;
499 };
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501 struct Point101 {
502     int x;
503     int y;
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506 struct Point102 {
507     int x;
508     int y;
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511 struct Point103 {
512     int x;
513     int y;
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516 struct Point104 {
517     int x;
518     int y;
519 };
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521 struct Point105 {
522     int x;
523     int y;
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526 struct Point106 {
527     int x;
528     int y;
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531 struct Point107 {
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533     int y;
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536 struct Point108 {
537     int x;
538     int y;
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541 struct Point109 {
542     int x;
543     int y;
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546 struct Point110 {
547     int x;
548     int y;
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551 struct Point111 {
552     int x;
553     int y;
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556 struct Point112 {
557     int x;
558     int y;
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561 struct Point113 {
562     int x;
563     int y;
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566 struct Point114 {
567     int x;
568     int y;
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571 struct Point115 {
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576 struct Point116 {
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578     int y;
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581 struct Point117 {
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583     int y;
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586 struct Point118 {
587     int x;
588     int y;
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591 struct Point119 {
592     int x;
593     int y;
594 };
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596 struct Point120 {
597     int x;
598     int y;
599 };
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601 struct Point121 {
602     int x;
603     int y;
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606 struct Point122 {
607     int x;
608     int y;
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611 struct Point123 {
612     int x;
613     int y;
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616 struct Point124 {
617     int x;
618     int y;
619 };
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621 struct Point125 {
622     int x;
623     int y;
624 };
625
626 struct Point126 {
627     int x;
628     int y;
629 };
630
631 struct Point127 {
632     int x;
633     int y;
634 };
635
636 struct Point128 {
637     int x;
638     int y;
639 };
640
641 struct Point129 {
642     int x;
643     int y;
644 };
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646 struct Point130 {
647     int x;
648     int y;
649 };
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651 struct Point131 {
652     int x;
653     int y;
654 };
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656 struct Point132 {
657     int x;
658     int y;
659 };
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661 struct Point133 {
662     int x;
663     int y;
664 };
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666 struct Point134 {
667     int x;
668     int y;
669 };
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671 struct Point135 {
672     int x;
673     int y;
674 };
675
676 struct Point136 {
677     int x;
678     int y;
679 };
680
681 struct Point137 {
682     int x;
683     int y;
684 };
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686 struct Point138 {
687     int x;
688     int y;
689 };
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691 struct Point139 {
692     int x;
693     int y;
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696 struct Point140 {
697     int x;
698     int y;
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701 struct Point141 {
702     int x;
703     int y;
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706 struct Point142 {
707     int x;
708     int y;
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711 struct Point143 {
712     int x;
713     int y;
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716 struct Point144 {
717     int x;
718     int y;
719 };
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721 struct Point145 {
722     int x;
723     int y;
724 };
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726 struct Point146 {
727     int x;
728     int y;
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731 struct Point147 {
732     int x;
733     int y;
734 };
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736 struct Point148 {
737     int x;
738     int y;
739 };
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741 struct Point149 {
742     int x;
743     int y;
744 };
745
746 struct Point150 {
747     int x;
748     int y;
749 };
750
751 struct Point151 {
752     int x;
753     int y;
754 };
755
756 struct Point152 {
757     int x;
758     int y;
759 };
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761 struct Point153 {
762     int x;
763     int y;
764 };
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766 struct Point154 {
767     int x;
768     int y;
769 };
770
771 struct Point155 {
772     int x;
773     int y;
774 };
775
776 struct Point156 {
777     int x;
778     int y;
779 };
780
781 struct Point157 {
782     int x;
783     int y;
784 };
785
786 struct Point158 {
787     int x;
788     int y;
789 };
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791 struct Point159 {
792     int x;
793     int y;
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796 struct Point160 {
797     int x;
798     int y;
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801 struct Point161 {
802     int x;
803     int y;
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806 struct Point162 {
807     int x;
808     int y;
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811 struct Point163 {
812     int x;
813     int y;
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816 struct Point164 {
817     int x;
818     int y;
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821 struct Point165 {
822     int x;
823     int y;
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826 struct Point166 {
827     int x;
828     int y;
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831 struct Point167 {
832     int x;
833     int y;
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836 struct Point168 {
837     int x;
838     int y;
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841 struct Point169 {
842     int x;
843     int y;
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846 struct Point170 {
847     int x;
848     int y;
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850
851 struct Point171 {
852     int x;
853     int y;
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856 struct Point172 {
857     int x;
858     int y;
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861 struct Point173 {
862     int x;
863     int y;
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866 struct Point174 {
867     int x;
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871 struct Point175 {
872     int x;
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876 struct Point176 {
877     int x;
878     int y;
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881 struct Point177 {
882     int x;
883     int y;
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886 struct Point178 {
887     int x;
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891 struct Point179 {
892     int x;
893     int y;
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896 struct Point180 {
897     int x;
898     int y;
899 };
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901 struct Point181 {
902     int x;
903     int y;
904 };
905
906 struct Point182 {
907     int x;
908     int y;
909 };
910
911 struct Point183 {
912     int x;
913     int y;
914 };
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916 struct Point184 {
917     int x;
918     int y;
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921 struct Point185 {
922     int x;
923     int y;
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926 struct Point186 {
927     int x;
928     int y;
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931 struct Point187 {
932     int x;
933     int y;
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936 struct Point188 {
937     int x;
938     int y;
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941 struct Point189 {
942     int x;
943     int y;
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946 struct Point190 {
947     int x;
948     int y;
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950
951 struct Point191 {
952     int x;
953     int y;
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956 struct Point192 {
957     int x;
958     int y;
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961 struct Point193 {
962     int x;
963     int y;
964 };
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966 struct Point194 {
967     int x;
968     int y;
969 };
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971 struct Point195 {
972     int x;
973     int y;
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976 struct Point196 {
977     int x;
978     int y;
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981 struct Point197 {
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986 struct Point198 {
987     int x;
988     int y;
989 };
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991 struct Point199 {
992     int x;
993     int y;
994 };
995
996 struct Point200 {
997     int x;
998     int y;
999 };
1000
1001 struct Point201 {
1002     int x;
1003     int y;
1004 };
1005
1006 struct Point202 {
1007     int x;
1008     int y;
1009 };
1010
1011 struct Point203 {
1012     int x;
1013     int y;
1014 };
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1016 struct Point204 {
1017     int x;
1018     int y;
1019 };
1020
1021 struct Point205 {
1022     int x;
1023     int y;
1024 };
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1026 struct Point206 {
1027     int x;
1028     int y;
1029 };
1030
1031 struct Point207 {
1032     int x;
1033     int y;
1034 };
1035
1036 struct Point208 {
1037     int x;
1038     int y;
1039 };
1040
1041 struct Point209 {
1042     int x;
1043     int y;
1044 };
1045
1046 struct Point210 {
1047     int x;
1048     int y;
1049 };
1050
1051 struct Point211 {
1052     int x;
1053     int y;
1054 };
1055
1056 struct Point212 {
1057     int x;
1058     int y;
1059 };
1060
1061 struct Point213 {
1062     int x;
1063     int y;
1064 };
1065
1066 struct Point214 {
1067     int x;
1068     int y;
1069 };
1070
1071 struct Point215 {
1072     int x;
1073     int y;
1074 };
1075
1076 struct Point216 {
1077     int x;
1078     int y;
1079 };
1080
1081 struct Point217 {
1082     int x;
1083     int y;
1084 };
1085
1086 struct Point218 {
1087     int x;
1088     int y;
1089 };
1090
1091 struct Point219 {
1092     int x;
1093     int y;
1094 };
1095
1096 struct Point220 {
1097     int x;
1098     int y;
1099 };
1100
1101 struct Point221 {
1102     int x;
1103     int y;
1104 };
1105
1106 struct Point222 {
1107     int x;
1108     int y;
1109 };
1110
1111 struct Point223 {
1112     int x;
1113     int y;
1114 };
1115
1116 struct Point224 {
1117     int x;
1118     int y;
1119 };
1120
1121 struct Point225 {
1122     int x;
1123     int y;
1124 };
1125
1126 struct Point226 {
1127     int x;
1128     int y;
1129 };
1130
1131 struct Point227 {
1132     int x;
1133     int y;
1134 };
1135
1136 struct Point228 {
1137     int x;
1138     int y;
1139 };
1140
1141 struct Point229 {
1142     int x;
1143     int y;
1144 };
1145
1146 struct Point230 {
1147     int x;
1148     int y;
1149 };
1150
1151 struct Point231 {
1152     int x;
1153     int y;
1154 };
1155
1156 struct Point232 {
1157     int x;
1158     int y;
1159 };
1160
1161 struct Point233 {
1162     int x;
1163     int y;
1164 };
1165
1166 struct Point234 {
1167     int x;
1168     int y;
1169 };
1170
1171 struct Point235 {
1172     int x;
1173     int y;
1174 };
1175
1176 struct Point236 {
1177     int x;
1178     int y;
1179 };
1180
1181 struct Point237 {
1182     int x;
1183     int y;
1184 };
1185
1186 struct Point238 {
1187     int x;
1188     int y;
1189 };
1190
1191 struct Point239 {
1192     int x;
1193     int y;
1194 };
1195
1196 struct Point240 {
1197     int x;
1198     int y;
1199 };
1200
1201 struct Point241 {
1202     int x;
1203     int y;
1204 };
1205
1206 struct Point242 {
1207     int x;
1208     int y;
1209 };
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1211 struct Point243 {
1212     int x;
1213     int y;
1214 };
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1216 struct Point244 {
1217     int x;
1218     int y;
1219 };
1220
1221 struct Point245 {
1222     int x;
1223     int y;
1224 };
1225
1226 struct Point246 {
1227     int x;
1228     int y;
1229 };
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1231 struct Point247 {
1232     int x;
1233     int y;
1234 };
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1236 struct Point248 {
1237     int x;
1238     int y;
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1241 struct Point249 {
1242     int x;
1243     int y;
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1246 struct Point250 {
1247     int x;
1248     int y;
1249 };
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1251 struct Point251 {
1252     int x;
1253     int y;
1254 };
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1256 struct Point252 {
1257     int x;
1258     int y;
1259 };
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1261 struct Point253 {
1262     int x;
1263     int y;
1264 };
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1266 struct Point254 {
1267     int x;
1268     int y;
1269 };
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1271 struct Point255 {
1272     int x;
1273     int y;
1274 };
1275
1276 struct Point256 {
1277     int x;
1278     int y;
1279 };
1280
1281 struct Point257 {
1282     int x;
1283     int y;
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1286 struct Point258 {
1287     int x;
1288     int y;
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1291 struct Point259 {
1292     int x;
1293     int y;
1294 };
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1296 struct Point260 {
1297     int x;
1298     int y;
1299 };
1300
1301 struct Point261 {
1302     int x;
1303     int y;
1304 };
1305
1306 struct Point262 {
1307     int x;
1308     int y;
1309 };
1310
1311 struct Point263 {
1312     int x;
1313     int y;
1314 };
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1316 struct Point264 {
1317     int x;
1318     int y;
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1321 struct Point265 {
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1323     int y;
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1326 struct Point266 {
1327     int x;
1328     int y;
1329 };
1330
1331 struct Point267 {
1332     int x;
1333     int y;
1334 };
1335
1336 struct Point268 {
1337     int x;
1338     int y;
1339 };
1340
1341 struct Point269 {
1342     int x;
1343     int y;
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1346 struct Point270 {
1347     int x;
1348     int y;
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1351 struct Point271 {
1352     int x;
1353     int y;
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1356 struct Point272 {
1357     int x;
1358     int y;
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1361 struct Point273 {
1362     int x;
1363     int y;
1364 };
1365
1366 struct Point274 {
1367     int x;
1368     int y;
1369 };
1370
1371 struct Point275 {
1372     int x;
1373     int y;
1374 };
1375
1376 struct Point276 {
1377     int x;
1378     int y;
1379 };
1380
1381 struct Point277 {
1382     int x;
1383     int y;
1384 };
1385
1386 struct Point278 {
1387     int x;
1388     int y;
1389 };
1390
1391 struct Point279 {
1392     int x;
1393     int y;
1394 };
1395
1396 struct Point280 {
1397     int x;
1398     int y;
1399 };
1400
1401 struct Point281 {
1402     int x;
1403     int y;
1404 };
1405
1406 struct Point282 {
1407     int x;
1408     int y;
1409 };
1410
1411 struct Point283 {
1412     int x;
1413     int y;
1414 };
1415
1416 struct Point284 {
1417     int x;
1418     int y;
1419 };
1420
1421 struct Point285 {
1422     int x;
1423     int y;
1424 };
1425
1426 struct Point286 {
1427     int x;
1428     int y;
1429 };
1430
1431 struct Point287 {
1432     int x;
1433     int y;
1434 };
1435
1436 struct Point288 {
1437     int x;
1438     int y;
1439 };
1440
1441 struct Point289 {
1442     int x;
1443     int y;
1444 };
1445
1446 struct Point290 {
1447     int x;
1448     int y;
1449 };
1450
1451 struct Point291 {
1452     int x;
1453     int y;
1454 };
1455
1456 struct Point292 {
1457     int x;
1458     int y;
1459 };
1460
1461 struct Point293 {
1462     int x;
1463     int y;
1464 };
1465
1466 struct Point294 {
1467     int x;
1468     int y;
1469 };
1470
1471 struct Point295 {
1472     int x;
1473     int y;
1474 };
1475
1476 struct Point296 {
1477     int x;
1478     int y;
1479 };
1480
1481 struct Point297 {
1482     int x;
1483     int y;
1484 };
1485
1486 struct Point298 {
1487     int x;
1488     int y;
1489 };
1490
1491 struct Point299 {
1492     int x;
1493     int y;
1494 };
1495
1496 struct Point300 {
1497     int x;
1498     int y;
1499 };
1500
1501 struct Point301 {
1502     int x;
1503     int y;
1504 };
1505
1506 struct Point302 {
1507     int x;
1508     int y;
1509 };
1510
1511 struct Point303 {
1512     int x;
1513     int y;
1514 };
1515
1516 struct Point304 {
1517     int x;
1518     int y;
1519 };
1520
1521 struct Point305 {
1522     int x;
1523     int y;
1524 };
1525
1526 struct Point306 {
1527     int x;
1528     int y;
1529 };
1530
1531 struct Point307 {
1532     int x;
1533     int y;
1534 };
1535
1536 struct Point308 {
1537     int x;
1538     int y;
1539 };
1540
1541 struct Point309 {
1542     int x;
1543     int y;
1544 };
1545
1546 struct Point310 {
1547     int x;
1548     int y;
1549 };
1550
1551 struct Point311 {
1552     int x;
1553     int y;
1554 };
1555
1556 struct Point312 {
1557     int x;
1558     int y;
1559 };
1560
1561 struct Point313 {
1562     int x;
1563     int y;
1564 };
1565
1566 struct Point314 {
1567     int x;
1568     int y;
1569 };
1570
1571 struct Point315 {
1572     int x;
1573     int y;
1574 };
1575
1576 struct Point316 {
1577     int x;
1578     int y;
1579 };
1580
1581 struct Point317 {
1582     int x;
1583     int y;
1584 };
1585
1586 struct Point318 {
1587     int x;
1588     int y;
1589 };
1590
1591 struct Point319 {
1592     int x;
1593     int y;
1594 };
1595
1596 struct Point320 {
1597     int x;
1598     int y;
1599 };
1600
1601 struct Point321 {
1602     int x;
1603     int y;
1604 };
1605
1606 struct Point322 {
1607     int x;
1608     int y;
1609 };
1610
1611 struct Point323 {
1612     int x;
1613     int y;
1614 };
1615
1616 struct Point324 {
1617     int x;
1618     int y;
1619 };
1620
1621 struct Point325 {
1622     int x;
1623     int y;
1624 };
1625
1626 struct Point326 {
1627     int x;
1628     int y;
1629 };
1630
1631 struct Point327 {
1632     int x;
1633     int y;
1634 };
1635
1636 struct Point328 {
1637     int x;
1638     int y;
1639 };
1640
1641 struct Point329 {
1642     int x;
1643     int y;
1644 };
1645
1646 struct Point330 {
1647     int x;
1648     int y;
1649 };
1650
1651 struct Point331 {
1652     int x;
1653     int y;
1654 };
1655
1656 struct Point332 {
1657     int x;
1658     int y;
1659 };
1660
1661 struct Point333 {
1662    
```