AmicablePair.java starts

0: 220 and 284

1: 1184 and 1210

2: 2620 and 2924

3: 5020 and 5564

4: 6232 and 6368

5: 10744 and 10856

6: 12285 and 14595

7: 17296 and 18416

8: 63020 and 76084

9: 66928 and 66992

10: 67095 and 71145

11: 69615 and 87633

12: 79750 and 88730

13: 100485 and 124155

14: 122265 and 139815

15: 122368 and 123152

16: 141664 and 153176

17: 142310 and 168730

18: 171856 and 176336

19: 176272 and 180848

20: 185368 and 203432

21: 196724 and 202444

22: 280540 and 365084

23: 308620 and 389924

24: 319550 and 430402

25: 356408 and 399592

26: 437456 and 455344

27: 469028 and 486178

28: 503056 and 514736

29: 522405 and 525915

30: 600392 and 669688

31: 609928 and 686072

32: 624184 and 691256

33: 635624 and 712216

34: 643336 and 652664

35: 667964 and 783556

36: 726104 and 796696

37: 802725 and 863835

38: 879712 and 901424

39: 898216 and 980984

40: 947835 and 1125765

41: 998104 and 1043096

42: 1077890 and 1099390

43: 1154450 and 1189150

44: 1156870 and 1292570

45: 1175265 and 1438983

46: 1185376 and 1286744

47: 1280565 and 1340235

48: 1328470 and 1483850

49: 1358595 and 1486845

50: 1392368 and 1464592

51: 1466150 and 1747930

52: 1468324 and 1749212

53: 1511930 and 1598470

54: 1669910 and 2062570

55: 1798875 and 1870245

56: 2082464 and 2090656

57: 2236570 and 2429030

58: 2652728 and 2941672

59: 2723792 and 2874064

60: 2728726 and 3077354

61: 2739704 and 2928136

62: 2802416 and 2947216

63: 2803580 and 3716164

64: 3276856 and 3721544

65: 3606850 and 3892670

66: 3786904 and 4300136

67: 3805264 and 4006736

68: 4238984 and 4314616

69: 4246130 and 4488910

70: 4259750 and 4445050

71: 4482765 and 5120595

72: 4532710 and 6135962

73: 4604776 and 5162744

74: 5123090 and 5504110

75: 5147032 and 5843048

76: 5232010 and 5799542

77: 5357625 and 5684679

78: 5385310 and 5812130

79: 5459176 and 5495264

80: 5726072 and 6369928

81: 5730615 and 6088905

82: 5864660 and 7489324

83: 6329416 and 6371384

84: 6377175 and 6680025

85: 6955216 and 7418864

86: 6993610 and 7158710

87: 7275532 and 7471508

88: 7288930 and 8221598

89: 7489112 and 7674088

90: 7577350 and 8493050

91: 7677248 and 7684672

92: 7800544 and 7916696

93: 7850512 and 8052488

94: 8262136 and 8369864

95: 8619765 and 9627915

96: 8666860 and 10638356

97: 8754130 and 10893230

98: 8826070 and 10043690

99: 9071685 and 9498555

100: 9199496 and 9592504

101: 9206925 and 10791795

102: 9339704 and 9892936

103: 9363584 and 9437056

104: 9478910 and 11049730

105: 9491625 and 10950615

106: 9660950 and 10025290

107: 9773505 and 11791935

108: 10254970 and 10273670

109: 10533296 and 10949704

110: 10572550 and 10854650

111: 10596368 and 11199112

112: 10634085 and 14084763

113: 10992735 and 12070305

114: 11173460 and 13212076

115: 11252648 and 12101272

116: 11498355 and 12024045

117: 11545616 and 12247504

118: 11693290 and 12361622

119: 11905504 and 13337336

120: 12397552 and 13136528

121: 12707704 and 14236136

122: 13671735 and 15877065

123: 13813150 and 14310050

124: 13921528 and 13985672

125: 14311688 and 14718712

126: 14426230 and 18087818

127: 14443730 and 15882670

128: 14654150 and 16817050

129: 15002464 and 15334304

130: 15363832 and 16517768

131: 15938055 and 17308665

132: 16137628 and 16150628

133: 16871582 and 19325698

134: 17041010 and 19150222

135: 17257695 and 17578785

136: 17754165 and 19985355

137: 17844255 and 19895265

138: 17908064 and 18017056

139: 18056312 and 18166888

140: 18194715 and 22240485

141: 18655744 and 19154336

142: 20014808 and 21457192

143: 20022328 and 22823432

144: 20308995 and 20955645

145: 21448630 and 23030090

146: 22227075 and 24644925

147: 22249552 and 25325528

148: 22508145 and 23111055

149: 22608632 and 25775368

150: 23358248 and 25233112

151: 23389695 and 25132545

152: 23628940 and 27428276

153: 24472180 and 30395276

154: 25596544 and 25640096

155: 25966832 and 26529808

156: 26090325 and 26138475

157: 28118032 and 28128368

158: 28608424 and 29603576

159: 30724694 and 32174506

160: 30830696 and 31652704

161: 31536855 and 32148585

162: 31818952 and 34860248

163: 32205616 and 34352624

164: 32642324 and 35095276

165: 32685250 and 34538270

166: 33501825 and 36136575

167: 34256222 and 35997346

168: 34364912 and 34380688

169: 34765731 and 36939357

170: 35115795 and 43266285

171: 35361326 and 40117714

172: 35373195 and 40105845

173: 35390008 and 39259592

174: 35472592 and 36415664

175: 37363095 and 45663849

176: 37784810 and 39944086

177: 37848915 and 39202605

178: 38400512 and 38938288

179: 38637016 and 40678184

180: 38663950 and 43362050

181: 38783992 and 41654408

182: 38807968 and 40912232

183: 43096904 and 46715896

184: 44139856 and 44916944

185: 45263384 and 46137016

186: 46237730 and 61319902

187: 46271745 and 49125375

188: 46521405 and 53011395

189: 46555250 and 55880590

190: 46991890 and 48471470

191: 48639032 and 52967368

192: 48641584 and 48852176

193: 49215166 and 55349570

194: 50997596 and 51737764

195: 52695376 and 56208368

196: 56055872 and 56598208

197: 56512610 and 75866014

198: 56924192 and 64562488

199: 58580540 and 70507972

200: 59497888 and 61953512

201: 63560025 and 65003175

202: 63717615 and 66011985

203: 66595130 and 74824390

204: 66854710 and 71946890

205: 67729064 and 69439576

206: 67738268 and 79732132

207: 68891992 and 78437288

208: 71015260 and 85458596

209: 71241830 and 78057370

210: 72958556 and 74733604

211: 73032872 and 78469528

212: 74055952 and 78166448

213: 74386305 and 87354495

214: 74769345 and 82824255

215: 75171808 and 77237792

216: 75226888 and 81265112

217: 78088504 and 88110536

218: 78447010 and 80960990

219: 79324875 and 87133365

220: 80422335 and 82977345

221: 83135650 and 85603550

222: 84591405 and 89590995

223: 86158220 and 99188788

224: 89477984 and 92143456

225: 90437150 and 94372450

226: 91996816 and 93259184

227: 93837808 and 99899792

228: 95629904 and 97580944

229: 96304845 and 96747315

230: 97041735 and 97945785

If you can do in less than 20 secs, you will get FULL points

Attach AmicablePair.java, output of your program as a pdf file

Attach a word file, explaining why your method is fast

AmicablePair.java ends

AmicablePair CPU time = 25.563672843 seconds