Welcome to String Matching Algorithms

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Knuth-Morris-Pratt Algorithm:

Pattern #1 Timed: 419

Pattern #2 Timed: 247

Pattern #3 Timed: 238

Pattern #4 Timed: 240

Pattern #5 Timed: 249

Pattern #6 Timed: 246

Pattern #7 Timed: 250

Pattern #8 Timed: 236

Pattern #9 Timed: 223

Pattern #10 Timed: 289

Pattern #11 Timed: 270

Pattern #12 Timed: 267

Pattern #13 Timed: 273

Pattern #14 Timed: 266

Pattern #15 Timed: 233

Pattern #16 Timed: 262

Pattern #17 Timed: 251

Pattern #18 Timed: 251

Pattern #19 Timed: 269

Pattern #20 Timed: 247

Pattern #21 Timed: 252

Pattern #22 Timed: 258

Pattern #23 Timed: 266

Pattern #24 Timed: 217

Pattern #25 Timed: 254

Pattern #26 Timed: 310

Pattern #27 Timed: 268

Pattern #28 Timed: 269

Pattern #29 Timed: 260

Pattern #30 Timed: 217

Pattern #31 Timed: 208

Pattern #32 Timed: 212

Pattern #33 Timed: 240

Pattern #34 Timed: 244

Pattern #35 Timed: 240

Pattern #36 Timed: 241

Pattern #37 Timed: 252

Pattern #38 Timed: 236

Pattern #39 Timed: 259

Pattern #40 Timed: 236

Pattern #41 Timed: 267

Pattern #42 Timed: 300

Pattern #43 Timed: 242

Pattern #44 Timed: 242

Pattern #45 Timed: 219

Pattern #46 Timed: 243

Pattern #47 Timed: 240

Pattern #48 Timed: 241

Pattern #49 Timed: 234

Pattern #50 Timed: 240

Pattern #51 Timed: 241

Pattern #52 Timed: 242

Pattern #53 Timed: 243

Pattern #54 Timed: 246

Pattern #55 Timed: 214

Pattern #56 Timed: 240

Pattern #57 Timed: 228

Pattern #58 Timed: 263

Pattern #59 Timed: 257

Pattern #60 Timed: 215

Pattern #61 Timed: 244

Pattern #62 Timed: 247

Pattern #63 Timed: 216

Pattern #64 Timed: 234

Pattern #65 Timed: 237

Pattern #66 Timed: 233

Pattern #67 Timed: 242

Pattern #68 Timed: 214

Pattern #69 Timed: 241

Pattern #70 Timed: 231

Pattern #71 Timed: 214

Pattern #72 Timed: 245

Pattern #73 Timed: 240

Pattern #74 Timed: 239

Pattern #75 Timed: 241

Pattern #76 Timed: 243

Pattern #77 Timed: 243

Pattern #78 Timed: 232

Pattern #79 Timed: 234

Pattern #80 Timed: 238

Pattern #81 Timed: 233

Pattern #82 Timed: 243

Pattern #83 Timed: 217

Pattern #84 Timed: 214

Pattern #85 Timed: 213

Pattern #86 Timed: 240

Pattern #87 Timed: 215

Pattern #88 Timed: 240

Pattern #89 Timed: 234

Pattern #90 Timed: 240

Pattern #91 Timed: 239

Pattern #92 Timed: 233

Pattern #93 Timed: 241

Pattern #94 Timed: 230

Pattern #95 Timed: 209

Pattern #96 Timed: 243

Pattern #97 Timed: 240

Pattern #98 Timed: 238

Pattern #99 Timed: 240

Pattern #100 Timed: 232

Pattern #101 Timed: 240

Pattern #102 Timed: 239

Pattern #103 Timed: 241

Pattern #104 Timed: 250

Pattern #105 Timed: 240

Pattern #106 Timed: 238

Pattern #107 Timed: 231

Boyer-Moore Algorithm:

Pattern #1 Timed: 124

Pattern #2 Timed: 99

Pattern #3 Timed: 85

Pattern #4 Timed: 74

Pattern #5 Timed: 133

Pattern #6 Timed: 134

Pattern #7 Timed: 59

Pattern #8 Timed: 93

Pattern #9 Timed: 182

Pattern #10 Timed: 210

Pattern #11 Timed: 211

Pattern #12 Timed: 76

Pattern #13 Timed: 164

Pattern #14 Timed: 133

Pattern #15 Timed: 186

Pattern #16 Timed: 113

Pattern #17 Timed: 114

Pattern #18 Timed: 210

Pattern #19 Timed: 146

Pattern #20 Timed: 78

Pattern #21 Timed: 79

Pattern #22 Timed: 103

Pattern #23 Timed: 122

Pattern #24 Timed: 82

Pattern #25 Timed: 183

Pattern #26 Timed: 130

Pattern #27 Timed: 92

Pattern #28 Timed: 147

Pattern #29 Timed: 113

Pattern #30 Timed: 96

Pattern #31 Timed: 162

Pattern #32 Timed: 65

Pattern #33 Timed: 65

Pattern #34 Timed: 146

Pattern #35 Timed: 55

Pattern #36 Timed: 85

Pattern #37 Timed: 84

Pattern #38 Timed: 114

Pattern #39 Timed: 184

Pattern #40 Timed: 211

Pattern #41 Timed: 143

Pattern #42 Timed: 211

Pattern #43 Timed: 122

Pattern #44 Timed: 99

Pattern #45 Timed: 185

Pattern #46 Timed: 120

Pattern #47 Timed: 211

Pattern #48 Timed: 123

Pattern #49 Timed: 163

Pattern #50 Timed: 78

Pattern #51 Timed: 146

Pattern #52 Timed: 96

Pattern #53 Timed: 134

Pattern #54 Timed: 163

Pattern #55 Timed: 98

Pattern #56 Timed: 65

Pattern #57 Timed: 211

Pattern #58 Timed: 91

Pattern #59 Timed: 122

Pattern #60 Timed: 135

Pattern #61 Timed: 133

Pattern #62 Timed: 210

Pattern #63 Timed: 96

Pattern #64 Timed: 95

Pattern #65 Timed: 75

Pattern #66 Timed: 124

Pattern #67 Timed: 211

Pattern #68 Timed: 67

Pattern #69 Timed: 110

Pattern #70 Timed: 81

Pattern #71 Timed: 164

Pattern #72 Timed: 80

Pattern #73 Timed: 94

Pattern #74 Timed: 134

Pattern #75 Timed: 185

Pattern #76 Timed: 132

Pattern #77 Timed: 182

Pattern #78 Timed: 106

Pattern #79 Timed: 185

Pattern #80 Timed: 121

Pattern #81 Timed: 91

Pattern #82 Timed: 73

Pattern #83 Timed: 184

Pattern #84 Timed: 79

Pattern #85 Timed: 122

Pattern #86 Timed: 74

Pattern #87 Timed: 87

Pattern #88 Timed: 146

Pattern #89 Timed: 100

Pattern #90 Timed: 119

Pattern #91 Timed: 147

Pattern #92 Timed: 93

Pattern #93 Timed: 214

Pattern #94 Timed: 165

Pattern #95 Timed: 166

Pattern #96 Timed: 133

Pattern #97 Timed: 79

Pattern #98 Timed: 70

Pattern #99 Timed: 146

Pattern #100 Timed: 80

Pattern #101 Timed: 71

Pattern #102 Timed: 163

Pattern #103 Timed: 120

Pattern #104 Timed: 147

Pattern #105 Timed: 211

Pattern #106 Timed: 133

Pattern #107 Timed: 215

Rabin-Karp Algorithm:

Pattern #1 Timed: 397

Pattern #2 Timed: 397

Pattern #3 Timed: 395

Pattern #4 Timed: 394

Pattern #5 Timed: 395

Pattern #6 Timed: 394

Pattern #7 Timed: 395

Pattern #8 Timed: 394

Pattern #9 Timed: 395

Pattern #10 Timed: 395

Pattern #11 Timed: 395

Pattern #12 Timed: 395

Pattern #13 Timed: 396

Pattern #14 Timed: 394

Pattern #15 Timed: 393

Pattern #16 Timed: 392

Pattern #17 Timed: 394

Pattern #18 Timed: 399

Pattern #19 Timed: 396

Pattern #20 Timed: 395

Pattern #21 Timed: 395

Pattern #22 Timed: 396

Pattern #23 Timed: 395

Pattern #24 Timed: 397

Pattern #25 Timed: 395

Pattern #26 Timed: 397

Pattern #27 Timed: 394

Pattern #28 Timed: 393

Pattern #29 Timed: 394

Pattern #30 Timed: 394

Pattern #31 Timed: 393

Pattern #32 Timed: 396

Pattern #33 Timed: 395

Pattern #34 Timed: 394

Pattern #35 Timed: 396

Pattern #36 Timed: 395

Pattern #37 Timed: 395

Pattern #38 Timed: 391

Pattern #39 Timed: 394

Pattern #40 Timed: 396

Pattern #41 Timed: 394

Pattern #42 Timed: 395

Pattern #43 Timed: 394

Pattern #44 Timed: 394

Pattern #45 Timed: 394

Pattern #46 Timed: 397

Pattern #47 Timed: 396

Pattern #48 Timed: 393

Pattern #49 Timed: 394

Pattern #50 Timed: 396

Pattern #51 Timed: 396

Pattern #52 Timed: 396

Pattern #53 Timed: 396

Pattern #54 Timed: 395

Pattern #55 Timed: 395

Pattern #56 Timed: 395

Pattern #57 Timed: 395

Pattern #58 Timed: 396

Pattern #59 Timed: 395

Pattern #60 Timed: 395

Pattern #61 Timed: 396

Pattern #62 Timed: 396

Pattern #63 Timed: 395

Pattern #64 Timed: 395

Pattern #65 Timed: 397

Pattern #66 Timed: 395

Pattern #67 Timed: 395

Pattern #68 Timed: 395

Pattern #69 Timed: 396

Pattern #70 Timed: 395

Pattern #71 Timed: 396

Pattern #72 Timed: 395

Pattern #73 Timed: 396

Pattern #74 Timed: 395

Pattern #75 Timed: 396

Pattern #76 Timed: 396

Pattern #77 Timed: 395

Pattern #78 Timed: 395

Pattern #79 Timed: 395

Pattern #80 Timed: 395

Pattern #81 Timed: 394

Pattern #82 Timed: 394

Pattern #83 Timed: 394

Pattern #84 Timed: 394

Pattern #85 Timed: 395

Pattern #86 Timed: 395

Pattern #87 Timed: 396

Pattern #88 Timed: 395

Pattern #89 Timed: 395

Pattern #90 Timed: 396

Pattern #91 Timed: 395

Pattern #92 Timed: 395

Pattern #93 Timed: 395

Pattern #94 Timed: 395

Pattern #95 Timed: 395

Pattern #96 Timed: 395

Pattern #97 Timed: 398

Pattern #98 Timed: 395

Pattern #99 Timed: 396

Pattern #100 Timed: 395

Pattern #101 Timed: 395

Pattern #102 Timed: 395

Pattern #103 Timed: 396

Pattern #104 Timed: 395

Pattern #105 Timed: 396

Pattern #106 Timed: 394

Pattern #107 Timed: 395

Bit-Oriented Approach:

Total Time:1545

AhoChorasick Algorithm:

Total Time:1315

Suffix Tree:

Pattern <CACGGTCATGAGGGC> is a Substring Pattern #1 Timed: 5

Pattern <AGTGACGGGGGTCCG> is a Substring Pattern #2 Timed: 11

Pattern <GTTGAGTACAGGGAA> is a Substring Pattern #3 Timed: 9

Pattern <AGTCATCTGCCGCGG> is a Substring Pattern #4 Timed: 10

Pattern <CTGAACGGACCTCGC> is a Substring Pattern #5 Timed: 8

Pattern <TATACAGGAGCAAAT> is a Substring Pattern #6 Timed: 3

Pattern <ACATTCTTACCTTTT> is a Substring Pattern #7 Timed: 4

Pattern <TCTCGACGCCCGCAG> is a Substring Pattern #8 Timed: 8

Pattern <CCCCTCCTCAACGTC> is a Substring Pattern #9 Timed: 4

Pattern <CTATCAGCAGTATCG> is a Substring Pattern #10 Timed: 8

Pattern <CTGCCATCACGCATG> is a Substring Pattern #11 Timed: 4

Pattern <ATTCTTGTTCTCCGC> is a Substring Pattern #12 Timed: 8

Pattern <CGATGTATGACGAAT> is a Substring Pattern #13 Timed: 4

Pattern <TCCGCGATGGCCGAC> is a Substring Pattern #14 Timed: 8

Pattern <TTTAACAGGCACGCT> is a Substring Pattern #15 Timed: 4

Pattern <ACGGCCATCGGCAAC> is a Substring Pattern #16 Timed: 3

Pattern <GCACATACCTAGGGA> is a Substring Pattern #17 Timed: 8

Pattern <CTCTACCATAACTAG> is a Substring Pattern #18 Timed: 4

Pattern <TAGAAACCACGCTAA> is a Substring Pattern #19 Timed: 8

Pattern <TAAGCCCCGAGCGAA> is a Substring Pattern #20 Timed: 3

Pattern <ACAATGATATGTAAT> is a Substring Pattern #21 Timed: 7

Pattern <TGAGTCTCACCGCAA> is a Substring Pattern #22 Timed: 4

Pattern <TGGTATGGGATCCGG> is a Substring Pattern #23 Timed: 8

Pattern <TTCGATTCTTCCCAC> is a Substring Pattern #24 Timed: 4

Pattern <GGTGCTATCATGGAC> is a Substring Pattern #25 Timed: 8

Pattern <CGGAGTTTGGAATCC> is a Substring Pattern #26 Timed: 3

Pattern <ACGATGTTTGCTCGC> is a Substring Pattern #27 Timed: 4

Pattern <ATCCCCTTCGTTATG> is a Substring Pattern #28 Timed: 8

Pattern <ATCGCGTGGCCAGCG> is a Substring Pattern #29 Timed: 4

Pattern <TTCCCGAGTTGCTCC> is a Substring Pattern #30 Timed: 9

Pattern <TTTCTTTTTCGTGAT> is a Substring Pattern #31 Timed: 4

Pattern <GGAATTTGTTTATAT> is a Substring Pattern #32 Timed: 8

Pattern <ACGCTCCTTTTGGTG> is a Substring Pattern #33 Timed: 4

Pattern <ACTCGCGCACTTCTG> is a Substring Pattern #34 Timed: 5

Pattern <TCGGGGGGGGCCGGC> is a Substring Pattern #35 Timed: 8

Pattern <AGTGACACTTTTACC> is a Substring Pattern #36 Timed: 4

Pattern <TGAACGTTGATTATA> is a Substring Pattern #37 Timed: 7

Pattern <ATACTGTGGGAGCAC> is a Substring Pattern #38 Timed: 4

Pattern <GTCATTTTGAGTCAT> is a Substring Pattern #39 Timed: 4

Pattern <AGAATTATCCACTAG> is a Substring Pattern #40 Timed: 8

Pattern <GCTGGGCTGTGCATT> is a Substring Pattern #41 Timed: 4

Pattern <TCGACTCTCGCCGAT> is a Substring Pattern #42 Timed: 8

Pattern <ACTTTTGTCATCACT> is a Substring Pattern #43 Timed: 3

Pattern <CGAACAAGTCTTTGT> is a Substring Pattern #44 Timed: 3

Pattern <AAATCATGCAAGGCT> is a Substring Pattern #45 Timed: 8

Pattern <CAGGGAATGCATCTC> is a Substring Pattern #46 Timed: 4

Pattern <ACTTACCCGCTAGTC> is a Substring Pattern #47 Timed: 7

Pattern <CGACCGTCCTAGGGT> is a Substring Pattern #48 Timed: 4

Pattern <CACTAAGCGGTTCAT> is a Substring Pattern #49 Timed: 9

Pattern <TACTAAAAGATAAGG> is a Substring Pattern #50 Timed: 4

Pattern <TCCATGCTTTACAGA> is a Substring Pattern #51 Timed: 8

Pattern <TGAGAACACGAATTT> is a Substring Pattern #52 Timed: 4

Pattern <AGGGTAGTGCCCGCA> is a Substring Pattern #53 Timed: 9

Pattern <AGGTTCTTAAGCTGC> is a Substring Pattern #54 Timed: 9

Pattern <GGATTCGAGCTGGTT> is a Substring Pattern #55 Timed: 11

Pattern <GTCTGGTGGGTCCTT> is a Substring Pattern #56 Timed: 12

Pattern <AATTGAGGTAGACGT> is a Substring Pattern #57 Timed: 8

Pattern <CACCCGTTGAAGATT> is a Substring Pattern #58 Timed: 9

Pattern <CGGCTATGTCCTACA> is a Substring Pattern #59 Timed: 10

Pattern <AAAAGCATCGAATTG> is a Substring Pattern #60 Timed: 9

Pattern <ATTCTAGATCGGCGT> is a Substring Pattern #61 Timed: 9

Pattern <GTCCGACCTTTGTCA> is a Substring Pattern #62 Timed: 10

Pattern <CCGTCCTAATCCGGG> is a Substring Pattern #63 Timed: 11

Pattern <CGCGAGCTCACCGCC> is a Substring Pattern #64 Timed: 9

Pattern <AGACCATCTGCGCCC> is a Substring Pattern #65 Timed: 12

Pattern <TATTCGGTACTCGCG> is a Substring Pattern #66 Timed: 11

Pattern <GAATATACACGGCTA> is a Substring Pattern #67 Timed: 10

Pattern <GGTACAGGTTTTTGG> is a Substring Pattern #68 Timed: 6

Pattern <CGAGGACCTAGCCAA> is a Substring Pattern #69 Timed: 10

Pattern <ACAACCTTATTATCA> is a Substring Pattern #70 Timed: 10

Pattern <CCGTATCATCTGAGT> is a Substring Pattern #71 Timed: 10

Pattern <TGACGAGAAGAACCG> is a Substring Pattern #72 Timed: 10

Pattern <GTTAGCTCCCGGTTC> is a Substring Pattern #73 Timed: 10

Pattern <TAATTTCTAACGACG> is a Substring Pattern #74 Timed: 10

Pattern <CGGACCATTGTCGCA> is a Substring Pattern #75 Timed: 10

Pattern <GTTCTTCACTCGGAG> is a Substring Pattern #76 Timed: 9

Pattern <TGGGCGCGCGCAGAT> is a Substring Pattern #77 Timed: 9

Pattern <ACAAAGTCTTGCTCG> is a Substring Pattern #78 Timed: 6

Pattern <GCGAGGCTAGAGGCT> is a Substring Pattern #79 Timed: 9

Pattern <TACTCGGCCTAATCA> is a Substring Pattern #80 Timed: 9

Pattern <CGCGACTGTAGGGGA> is a Substring Pattern #81 Timed: 12

Pattern <ACGTTCATTCAATAA> is a Substring Pattern #82 Timed: 10

Pattern <AATGCTACTTCATAG> is a Substring Pattern #83 Timed: 10

Pattern <AAGCCGGTGCCTGTG> is a Substring Pattern #84 Timed: 5

Pattern <TTACGGGGTTTATCT> is a Substring Pattern #85 Timed: 6

Pattern <GCCGCGTTGGTGGGC> is a Substring Pattern #86 Timed: 8

Pattern <CCTGGCTCACTATAT> is a Substring Pattern #87 Timed: 5

Pattern <AGTGAGTACATGGTA> is a Substring Pattern #88 Timed: 9

Pattern <TGTGTGCGCATGAAA> is a Substring Pattern #89 Timed: 4

Pattern <GACATCTATATGGCC> is a Substring Pattern #90 Timed: 10

Pattern <ATAATTATTGCGGAC> is a Substring Pattern #91 Timed: 5

Pattern <TATATAGTTTCGCGC> is a Substring Pattern #92 Timed: 11

Pattern <GCCCCAGTAATAGCT> is a Substring Pattern #93 Timed: 10

Pattern <AGAAATTAATACCAG> is a Substring Pattern #94 Timed: 10

Pattern <GGGCGTCGCGTGCCA> is a Substring Pattern #95 Timed: 10

Pattern <TCAAAAGCATGGCCT> is a Substring Pattern #96 Timed: 11

Pattern <CTTCTTTGACGAAAA> is a Substring Pattern #97 Timed: 11

Pattern <TAATGTGAATAAGTT> is a Substring Pattern #98 Timed: 5

Pattern <TAGTCACAACTGGCT> is a Substring Pattern #99 Timed: 10

Pattern <AGAGGTCCTTGCCCG> is a Substring Pattern #100 Timed: 10

Pattern <TCGTGTAATACACCC> is a Substring Pattern #101 Timed: 9

Pattern <GCAGTCTTCCTTAGT> is a Substring Pattern #102 Timed: 8

Pattern <AGCCAAGTAGCGCTT> is a Substring Pattern #103 Timed: 12

Pattern <GTCCATACTCGAGTG> is a Substring Pattern #104 Timed: 10

Pattern <GATACCTTATCCATG> is a Substring Pattern #105 Timed: 9

Pattern <TAATAAGGTTATCAT> is a Substring Pattern #106 Timed: 9

Pattern <GCGGACAGAATGTCA> is a Substring Pattern #107 Timed: 11

Press any key to continue . . .