```
run:
First Test >> Compare 3 pairs of strings of 20 characters
  1st pair:
  GCGCGTGCGCGGAAGG-AGC--C
  1. 1.11. 1111.. 1 1
  GA-CTTGT--GGAACCTA-CTTC
  2nd pair:
  AAGGTGAAG-TTGTAG-CAGT
  11... 11. 11.1 1 1. 1
  AAAAT-AACCTTCT-GTCC-T
  3rd pair:
  CAGAAGAGGT--G---CGTG
  1 1 11.... 1 1 1111
  C-G-AGCTCTCCGCACCCGTG
  Second Test >> Total time to solve 1000 problems of random strings with an alphabet of 4 characters of length 128, 2
  Length
             Run Time
     128
           934251000
     256
         1140853000
     512
         4507767000
    1024
         19464532000
  Third Test >> Match proteins with affine gap penalties
  1st Pair:
  MEEQQSDLSIEPPLSQETFSDLWKLLPQNNVLSTPLSPNSMEDLLLSPEDVANWLDDPDEALQVPAAAITGDPVTETSAPVAPPPATPWPLSSSVPSQKTYQGSYGFRLGFLHSGT
       1 1.. 1 11.1...... 1... 1...
                                                        .. !...... !. !. !....!.!.
  L---S-SFV-P-SQKTYPGAYGFHLGF--LQSG-TAKSVTC-----TY-----SP----SP----PLNKLFCQLAK---TC-PVQLWVRSPPPP--
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9th Pair MQEPPLELTIEPPLSQETFSELWNLLPENNVLSSELSSAMNELPLSEDVANWLDEAPDDASGMSAVPAPAAPAPAPATSWPLSSFVPSQKTYPGAYGFHLGFLQSGTAKSVTQ LL--PPN-NV---LSTLP-SSD-S-I-EE--LF--LSENVTGW-L-EDSGGALOGVAAAAASTAEDPVTETPAPVASAPATPWPLSSSVPSYKTYOGDYGFRLGFLHSGTAKSVTC 10th Pair MEEPOSDLSIEPPLSOETFSDLWKLLPPKNLLSALEPMEDLLLPQDVTSWLGDADEALPVCTAPAEGPAPEAPAPAPAPASWPLSSFVPSHKTFOGNYGFRLGFLQSGTAKSVT LL-PP----EAVLSEASPNSMDNMFLSPDVVN-L--LEG---PEE--A-LO-V-SAAP---A-AODPVTETPAPAAPAPATPWPLSSFVPSOKTYOGSYGFHLGFLOSGTAKSVM BUILD SUCCESSFUL (total time: 26 seconds)