java hillcipher inkey1.txt infile1.txt Key matrix: 5 7 Plaintext: abcdefghijklmnopgrstuvwxyz Ciphertext: Fhtbhvvpjjxdlxzrnlbfpzdtrn java hillcipher inkey1.txt infile2.txt Key matrix: 7 Plaintext: abcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzab cdefghijklmnopgrstuvwxyz Ciphertext: fhtbhvvpjjxdlxzrnlbfpzdtrnfhtbhvvpjjxdlxzrnlbfpzdtrnfhtbhvvpjjxdlxzrnlbfpzdtrnfh tbhvvpjjxdlxzrnlbfpzdtrn java hillcipher inkey1.txt infile3.txt Key matrix: Plaintext: $art of computer programming volume fascic lether \verb|mixarisccomputer| for the new \verb|millennium| thius a computer for the new \verb|millennium| thius a comput$

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criptionofclassicalcomputersciencethethreecompletevolumespublishedtodatealreadyc ompriseauniqueandinvaluableresourceinprogrammingtheoryandpracticecountlessreader shavespokenabouttheprofoundpersonalinfluenceofknuthswritingsscientistshavemarvel edatthebeautyandeleganceofhisanalysiswhilepracticingprogrammershavesuccessfullya ppliedhiscookbooksolutionstotheirdaytodayproblemsallhaveadmiredknuthforthebreadt hclarityaccuracyandgoodhumorfoundinhisbookstobeginthefourthandlatervolumesofthes etandtoupdatepartsoftheexistingthreeknuthhascreatedaseriesofsmallbookscalledfasc icleswhichwillbepublishedtregularintervalseachfasciclewillencompassasectionormor eofwhollyneworevisedmaterialultimatelythecontentofthesefascicleswillberolledupin tothecomprehensivefinalversionsofeachvolumeandtheenormousundertakingthatbeganinw illbecompletex

Ciphertext:

hpezudkwadghfaatthigmoedifsrsmkpuqamqjvcqsmourwduqwavlflpbcjzcixupautxqjnamipncz sirhajifsrsmkigrpdvcimanmtygcwkpaxjfhbwbtzmwobedwfvzcbwazflrxhmwvcxhhvdlhbrpxhui lvnzajpdbzhfmwygeggvkwadghuvskvzyivczpvkcowavlqjghifsrsmhdtpkltzxhezgjghdzcbpvgi kwlicuimbvsgiknnunbedzoifcpbuiyasnwqxoatthigmoedvcagylnndkizvjamsayarqqjwycbpvpb tzbruiwnoganuxflvcfnatcjbvdkpbcwanklzwsrvzyibzhrflarzdhbdlyouqkarqcuybovknykjqll xhrdvcntimflwupillmcnnyibzczkcanmtygqaczqjlikoajskedliggizgqpbtzbruiywyiwygzzgwu buklxhczuqukzlukgafpflismjezvcwqxuqmezgjtvatfcqskczgovknpvmocbebwxvccjzcixjsimxm yjwhwdcrkoaqizusnnkzukpgwojfcjbvunjkcuuxaibfhxmcdlvchvyazcovpiwhghjqfpwouibzvcui zpnnxmyatordfnhpybbzvccoivbfdldvvkcohrflxsmwlvimghgjeewduibzsidzboukgaegzgxhkpuq amqjqaczndgszgwfadfccuixxmcbicwhwdrqpbqlidimndkpuqamqjgszgvzwavlmwkceevjisshqfjf agqngpzgjhokjfjdcuxhykghwddzrhajykghmtvcsapdghrqbzvcuihvmwskhfuigszgwfatzgxhljdl ezvcsakwlirjvzygknytanxypbygpdcwerkopmfpwoimpivccoshqfyagmpipbmfiiedvcrdwfmsorgl txbosakwhszptr

java hillcipher inkey2.txt infile1.txt

Key matrix:

5 7 10

3 9 12

4 2 11

Plaintext:

abcdefghijklmnopqrstuvwxyzx

Ciphertext:

bhypbxdvwrpvfjutdthxsvrrfbj

java hillcipher inkey2.txt infile2.txt

Key matrix:

- 5 7 10
- 3 9 12
- 4 2 11

Plaintext:

abcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzx

Ciphertext:

bhypbxdvwrpvfjutdthxsvrrjlqxfplzoztnnnmbhlpbkdvjrpifjhtdghxfvrejldxfclzbztannzbh ypbxdvwrpvfjutdthxsvrrfbj

java hillcipher inkey2.txt infile3.txt

Key matrix:

- 5 7 10
- 3 9 12
- 4 2 11

Plaintext:

artofcomputerprogrammingvolumefasciclethemmixarisccomputerforthenewmillenniumthismultivolumeworkontheanalysisofalgorithmshaslongbeenrecognizedasthedefinitivedes criptionofclassicalcomputersciencethethreecompletevolumespublishedtodatealreadycompriseauniqueandinvaluableresourceinprogrammingtheoryandpracticecountlessreader shavespokenabouttheprofoundpersonalinfluenceofknuthswritingsscientistshavemarveledatthebeautyandeleganceofhisanalysiswhilepracticingprogrammershavesuccessfullyappliedhiscookbooksolutionstotheirdaytodayproblemsallhaveadmiredknuthforthebreadthclarityaccuracyandgoodhumorfoundinhisbookstobeginthefourthandlatervolumesofthesetandtoupdatepartsoftheexistingthreeknuthhascreatedaseriesofsmallbookscalledfascicleswhichwillbepublishedtregularintervalseachfasciclewillencompassasectionormoreofwhollyneworevisedmaterialultimatelythecontentofthesefascicleswillberolledupintothecomprehensivefinalversionsofeachvolumeandtheenormousundertakingthatbeganinwillbecompletexx

Ciphertext:

xrjvhksslntgwazwovwsajfubjzqisxxkiyunlbbtmiufrpsususslntgaeycubvvioksqygcskkgblx iykbxrljrmwymddsnxflfktprosmegzhpkjfweeojnivjonbxwwldhuisdvlwnrccmepbxddqxrldjoo qdxxliuvvhkbpikugttssslntgxdwqibukrtzlmocsqsprrlxubjzqisfnkgqkxjackwxdnaohjjyvpe ssljbwmscvrkyskkgqeuqnfgsushroqkxoiacojwovwsajfucmenpqrxhmqqpnegomcofewmwejywxhr olnzkqjyyqxzlkitcmewcolricmphrofdehbvqqcbxmmqvdxamycxdcvzbygycwqsuwnzwlnzaqomcyj bhljnvrvmscdnuwkynlohlwmqvlxinnanxewiytrjjnzwmfeiuxnvjpgxnsyqjjnibdeeycoaqppzppo

eadusvlxiooipzoikojrmflmrnlnlpmclvlqplhggflhdvfcselasgdvoxfuntfdxamypphnvrvjjyke xjbetnhksoiabuuirxhiayeamqcdlrikgqmqydxuikovnlmgmiilnrytzljvpoeihllbjzqisegzcmew gdrxhdhmsuonnpxrjegzcmebdurjqljnmocmyxrdnhdsnzirlenrclbiaeyljgfxnjleoiufxnnvzqeg isbcwihnojdemoznxggqkxjagudcuordxjfhlbvxdmokmsomcmixxwqkrfrnuqmvbykkkqyviuvxbovj ennwjtvppbcoglbvyaivnkhlluaxdxzucezrxlpdsqseyeaokukfeosxxkiyudzqqkrymmhxjjbhzfqa okcmeuqmamilfxsohfxktprrrtaiitfibzcjjtjrmkueqihzbcvfhumkwavfpznvejfuoqmmkseslnpo tvtblisslnlbvbd

java hillcipher inkey3.txt infile1.txt

Key matrix:

1 3 5 7 3 5 7 1 5 7 1 3

Plaintext:

abcdefghijklmnopgrstuvwxyzxx

Ciphertext:

iwswuieigugusgcgesosgeaelrxn

java hillcipher inkey3.txt infile2.txt

Key matrix:

1 3 5 7 3 5 7 1 5 7 1 3 7 1 3 5

Plaintext:

abc defghijkl mnop qrstuvw xyzabc defghijkl mnop qrstuvw xyzabc

Ciphertext:

iwswuieiguqusgcgesosqeaecqmqocycaokomawaymimkyuywkgkiwswuieiguqusgcgesosqeaecqmqocycaokomawaymimkyuywkgk

java hillcipher inkey3.txt infile3.txt

Key matrix:

1 3 5 7 3 5 7 1 5 7 1 3 7 1 3 5

Plaintext:

artofcomputerprogrammingvolumefasciclethemmixarisccomputerforthenewmillenniumthi smultivolumeworkontheanalysisofalgorithmshaslongbeenrecognizedasthedefinitivedes criptionofclassicalcomputersciencethethreecompletevolumespublishedtodatealreadyc ompriseauniqueandinvaluableresourceinprogrammingtheoryandpracticecountlessreader shavespokenabouttheprofoundpersonalinfluenceofknuthswritingsscientistshavemarvel edatthebeautyandeleganceofhisanalysiswhilepracticingprogrammershavesuccessfullya ppliedhiscookbooksolutionstotheirdaytodayproblemsallhaveadmiredknuthforthebreadt hclarityaccuracyandgoodhumorfoundinhisbookstobeginthefourthandlatervolumesofthes etandtoupdatepartsoftheexistingthreeknuthhascreatedaseriesofsmallbookscalledfasc icleswhichwillbepublishedtregularintervalseachfasciclewillencompassasectionormor eofwhollyneworevisedmaterialultimatelythecontentofthesefascicleswillberolledupin tothecomprehensivefinalversionsofeachvolumeandtheenormousundertakingthatbeganinw illbecompletexxx

Ciphertext:

kyyojfljqwmulzpvlldpnrrfywoixnpzasoglltraikmioascoswekiuwqeahrdxlrvnuekqyyquegqi xfttmygodnlxlfvjpntvrzhpvbfnhdlzkwgccyiajdlpesceumykhvbraiwwjtrrdtblucyssokwdvvd qgaawawomokisqmithbfftvvigmshjfvckaghrdxuioekkgwaeekdnlxokkysyusysycwquuqwcendzh kqmgemoidpnxtplbffrrdnttrzhlimmgvtxrhnvtlldpnrrfceioycgadvhjjdbpmkeqxhnhdhlhsiyw eguexnvfjlnjqyyujfltaowkxffdjdrnuuwipfpvdrvpouyqeoikmsievtjvouuqcaaqeouqplpfvnjz quuwprvbdptbgkmovxpdzfbnqugifpzjvbfntnpbjttdbvfvdntnwasmfrdhmwwebvxtmkymdrvziwae pxhlaguokuegzrjbdvpdhrxtaqscmyqkmmwiysoasuysiusmumegkqqcvdfbkyqajtlvfppnnnllwacc qeigsoysasyenldlsoiaqkkalbpteeaslrbzjfbrhdhxbdvljvpfvzztfnrdzbtxdjvhxpvvhxtjeiui wqkikooabbxvmauywqqkkueqkumgcumaciouwukeywiqvpdruuwqptdnhxtjbvzlauoiwewqhpplfnxvtlzhtnpbhvbxzvphbhpbvldlrtvhrnzrftdbekeehvddwymkasoghhzfzztjbtjjoiourdvxfrlxisay rjhlzxvvdfvryuwyzpxxfrnfoysawwmofrnfthdlpdjhvfllrzpnjfjfqiwmzdpxwmcqoaochpplowsk xhzficgcfjlnhdxfkwgyhhjvtxzjhnnbflhxjbvlysgikmwexhzldvjniossuwcyllhrrhtbrnndwkso zbbbicgctrfplznb