BLG520E Cryptography

1st Homework

- 1. Work on the cryptanalysis of the following cryptosystem which is assigned to you. The ciphertexts are produced by using the applets given underneath the name of the cipher.
 - o Find the key used for the ciphertext.
 - First try known ciphertext attack.
 - If you can not find the plaintext and the key by applying only known ciphertext attack, then try known plaintext attack.

Due Date: March 08, 2019

2.

- a. Choose a random key with the same length as found in 1.
- b. Encrypt the ciphertext for the second time by using the assigned cryptosystem and your random key.
- e. Apply the cryptanalysis steps defined in 1 to the result of 2.b.

3.

- a. Choose a random key for permutation cipher given in http://crypto.interactive-maths.com/permutation-cipher.html.
- b. Encrypt the ciphertext for the second time by using the permutation cipher and your random key.
- c. Apply cryptanalysis steps defined in 1 to the result of 3.b.

Note: Describe your work step by step and give the results of all the steps. You do not need to deliver the codes that you used, but you have to explain what the codes are doing.

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Beaufortcipher

http://members.aon.at/cipherclerk/CipherClerk.html

Plaintext:

TREATSOFTHEPLACEWHEREOLIVERTWISTWASBORNANDOFTHECIRCUMSTANCESATTENDINGHIS BIRTHAMONGOTHERPUBLICBUILDINGSINACERTAINTOWNWHICHFORMANYREASONSITWILLBEPR UDENTTOREFRAINFROMMENTIONINGANDTOWHICHIWILLASSIGNNOFICTITIOUSNAMETHEREISON EANCIENTLYCOMMONTOMOSTTOWNSGREATORSMALLTOWITAWORKHOUSEANDINTHISWORKHO USEWASBORNONADAYANDDATEWHICHINEEDNOTTROUBLEMYSELFTOREPEATINASMUCHASITCA NBEOFNOPOSSIBLECONSEQUENCETOTHEREADERINTHISSTAGEOFTHEBUSINESSATALLEVENTSTH EITEMOFMORTALITYWHOSENAMEISPREFIXEDTOTHEHEADOFTHISCHAPTERFORALONGTIMEAFTE RITWASUSHEREDINTOTHISWORLDOFSORROWANDTROUBLEBYTHEPARISHSURGEONITREMAINED AMATTEROFCONSIDERABLEDOUBTWHETHERTHECHILDWOULDSURVIVETOBEARANYNAMEATAL LINWHICHCASEITISSOMEWHATMORETHANPROBABLETHATTHESEMEMOIRSWOULDNEVERHAVEA PPEAREDORIFTHEYHADTHATBEINGCOMPRISEDWITHINACOUPLEOFPAGESTHEYWOULDHAVEPOS SESSEDTHEINESTIMABLEMERITOFBEINGTHEMOSTCONCISEANDFAITHFULSPECIMENOFBIOGRAPH YEXTANTINTHELITERATUREOFANYAGEORCOUNTRYALTHOUGHIAMNOTDISPOSEDTOMAINTAINT HATTHEBEINGBORNINAWORKHOUSEISINITSELFTHEMOSTFORTUNATEANDENVIABLECIRCUMSTA NCETHATCANPOSSIBLYBEFALLAHUMANBEINGIDOMEANTOSAYTHATINTHISPARTICULARINSTAN CEITWASTHEBESTTHINGFOROLIVERTWISTTHATCOULDBYPOSSIBILITYHAVEOCCURREDTHEFACTI STHATTHEREWASCONSIDERABLEDIFFICULTYININDUCINGOLIVERTOTAKEUPONHIMSELFTHEOFFI CEOFRESPIRATIONATROUBLESOMEPRACTICEBUTONEWHICHCUSTOMHASRENDEREDNECESSARY TOOUREASYEXISTENCEANDFORSOMETIMEHELAYGASPINGONALITTLEFLOCKMATTRESSRATHER UNEQUALLYPOISEDBETWEENTHISWORLDANDTHENEXTTHEBALANCEBEINGDECIDEDLYINFAVOU ROFTHELATTERNOWIFDURINGTHISBRIEFPERIODOLIVERHADBEENSURROUNDEDBYCAREFULGRA NDMOTHERSANXIOUSAUNTSEXPERIENCEDNURSESANDDOCTORSOFPROFOUNDWISDOMHEWOUL DMOSTINEVITABLYANDINDUBITABLYHAVEBEENKILLEDINNOTIMETHEREBEINGNOBODYBYHOW EVERBUTAPAUPEROLDWOMANWHOWASRENDEREDRATHERMISTYBYANUNWONTEDALLOWANCE OFBEERANDAPARISHSURGEONWHODIDSUCHMATTERSBYCONTRACTOLIVERANDNATUREFOUGHT OUTTHEPOINTBETWEENTHEMTHERESULTWASTHATAFTERAFEWSTRUGGLESOLIVERBREATHEDSN EEZEDANDPROCEEDEDTOADVERTISETOTHEINMATESOFTHEWORKHOUSETHEFACTOFANEWBURD ENHAVINGBEENIMPOSEDUPONTHEPARISHBYSETTINGUPASLOUDACRYASCOULDREASONABLYHA VEBEENEXPECTEDFROMAMALEINFANTWHOHADNOTBEENPOSSESSEDOFTHATVERYUSEFULAPPE NDAGEAVOICEFORAMUCHLONGERSPACEOFTIMETHANTHREEMINUTESANDAQUARTERASOLIVER GAVETHISFIRSTPROOFOFTHEFREEANDPROPERACTIONOFHISLUNGSTHEPATCHWORKCOVERLETW HICHWASCARELESSLYFLUNGOVERTHEIRONBEDSTEADRUSTLEDTHEPALEFACEOFAYOUNGWOMA NWASRAISEDFEEBLYFROMTHEPILLOWANDAFAINTVOICEIMPERFECTLYARTICULATEDTHEWORDS LETMESEETHECHILDANDDIETHESURGEONHADBEENSITTINGWITHHISFACETURNEDTOWARDSTHE FIREGIVINGTHEPALMSOFHISHANDSAWARMANDARUBALTERNATELYASTHEYOUNGWOMANSPOK EHEROSEANDADVANCINGTOTHEBEDSHEADSAIDWITHMOREKINDNESSTHANMIGHTHAVEBEENEX PECTEDOFHIMOHYOUMUSTNOTTALKABOUTDYINGYETLORBLESSHERDEARHEARTNOINTERPOSE DTHENURSEHASTILYDEPOSITINGINHERPOCKETAGREENGLASSBOTTLETHECONTENTSOFWHICHSH EHADBEENTASTINGINACORNERWITHEVIDENTSATISFACTIONLORBLESSHERDEARHEARTWHENSH EHASLIVEDASLONGASIHAVESIRANDHADTHIRTEENCHILDRENOFHEROWNANDALLONEMDEADEX CEPTTWOANDTHEMINTHEWURKUSWITHMESHELLKNOWBETTERTHANTOTAKEONINTHATWAYBL ESSHERDEARHEARTTHINKWHATITISTOBEAMOTHERTHERESADEARYOUNGLAMBDOAPPARENTLY THISCONSOLATORYPERSPECTIVEOFAMOTHERSPROSPECTSFAILEDINPRODUCINGITSDUEEFFECTT HEPATIENTSHOOKHERHEADANDSTRETCHEDOUTHERHANDTOWARDSTHECHILDTHESURGEONDEP OSITEDITINHERARMSSHEIMPRINTEDHERCOLDWHITELIPSPASSIONATELYONITSFOREHEADPASSED HERHANDSOVERHERFACEGAZEDWILDLYROUNDSHUDDEREDFELLBACKANDDIEDTHEYCHAFEDH ERBREASTHANDSANDTEMPLESBUTTHEBLOODHADSTOPPEDFOREVERTHEYTALKEDOFHOPEANDC OMFORTTHEYHADBEENSTRANGERSTOOLONGITSALLOVERMRSTHINGUMMYSAIDTHESURGEONAT LASTAHPOORDEARSOITISSAIDTHENURSEPICKINGUPTHECORKOFTHEGREENBOTTLEWHICHHADF

ALLENOUTONTHEPILLOWASSHESTOOPEDTOTAKEUPTHECHILDPOORDEARYOUNEEDNTMINDSEN DINGUPTOMEIFTHECHILDCRIESNURSESAIDTHESURGEONPUTTINGONHISGLOVESWITHGREATDELI BERATIONITSVERYLIKELYITWILLBETROUBLESOMEGIVEITALITTLEGRUELIFITISHEPUTONHISHAT ANDPAUSINGBYTHEBEDSIDEONHISWAYTOTHEDOORADDEDSHEWASAGOODLOOKINGGIRLTOOW HEREDIDSHECOMEFROM?SHEWASBROUGHTHERELASTNIGHTREPLIEDTHEOLDWOMANBYTHEOVE RSEERSORDERSHEWASFOUNDLYINGINTHESTREETSHEHADWALKEDSOMEDISTANCEFORHERSHOE SWEREWORNTOPIECESBUTWHERESHECAMEFROMORWHERESHEWASGOINGTONOBODYKNOWSTH ESURGEONLEANEDOVERTHEBODYANDRAISEDTHELEFTHANDTHEOLDSTORYHESAIDSHAKINGHIS HEADNOWEDDINGRINGISEEAHGOODNIGHTTHEMEDICALGENTLEMANWALKEDAWAYTODINNERA NDTHENURSEHAVINGONCEMOREAPPLIEDHERSELFTOTHEGREENBOTTLESATDOWNONALOWCHAI RBEFORETHEFIREANDPROCEEDEDTODRESSTHEINFANTWHATANEXCELLENTEXAMPLEOFTHEPOW EROFDRESSYOUNGOLIVERTWISTWASWRAPPEDINTHEBLANKETWHICHHADHITHERTOFORMEDHIS ONLYCOVERINGHEMIGHTHAVEBEENTHECHILDOFANOBLEMANORABEGGARITWOULDHAVEBEEN HARDFORTHEHAUGHTIESTSTRANGERTOHAVEASSIGNEDHIMHISPROPERSTATIONINSOCIETYBUTN OWTHATHEWASENVELOPEDINTHEOLDCALICOROBESWHICHHADGROWNYELLOWINTHESAMESER VICEHEWASBADGEDANDTICKETEDANDFELLINTOHISPLACEATONCEAPARISHCHILDTHEORPHANO FAWORKHOUSETHEHUMBLEHALFSTAR VEDDRUDGET OBECUFFED AND BUFFET EDTHROUGHTHEW ORLDDESPISEDBYALLANDPITIEDBYNONEOLIVERCRIEDLUSTILYIFHECOULDHAVEKNOWNTHATH EWASANORPHANLEFTTOTHETENDERMERCIESOFCHURCHWARDENSANDOVERSEERSPERHAPSHE WOULDHAVECRIEDTHELOUDER

Ciphertext:

VUEVLZAGPOACDLGRIKKUEHTJTHRCIJWSMVMOAUVVROAGPOAPGUGBSZVLVTAZOSPRROGYCO WZNDRCXRCXVPQYHHRGKQDDGUKJDIAIYZGYITAAVLAILDSYMOWPHGUESRBNRREZAYQNLVGA XUACXRFRRYVXRRZAODVQNDCZEILJAYAIYRBIPHIKGJBNIJDAIDMJIYVHZJMSACWDUTVVSNVEE EAJWXVREEMDEILGOJUJSDBSUJOZVSUZRZIUEVLDXTWVTGVXMNLRSXRLXDUTEVROGYPOWZSX RLXDUTEZEZNXRIQEOIIXEELIICAVHDGOWEKHFIQYVUUBDGKZKDAGJSUEACKLPNRRWZOTXRW DPTEENHUQRDZXQDWQDHGHRZKVORRPKSUCXNXHISAAGYPOWZWSIPADJSBRDXWDVRMZOSIK TNTHVCMYHHACAFAGWHNYOAACGVHXORRRCHADPAKGAYAOVXPOAKKLFHZYHDOTXRZSEEZD XLXHRLVDWREMVHRNLVOTODXNXHFNRYASBNMVAUXSQMWXREQVOYFCNDUKXRDTVEEGEAG TBDKAIHUIWYXHWVWEKIIJEYVHRHZPAYQNBNXLHKAOARHCIKKSBRNYHHGOWGLPUBTOWRRA WWKSUUARXLVXRRCHICEGDDVZXJMEGVMNGSADMDCHMOEYCXRRLKOYTEQQOKXRLKOSPOAZ KZEJOJXTMHKGLYEAAAHLNRECZHIEAOAUAOLKKNBVBYHLPUAJBFGHSCXDORBVGSBNRRMXOG TNAGTVYNWSBRGVARXSXRTHTHMZKTQRBYHHAIAZVDWVDGKZEEWYAGHRWEISBRSDWSGHRP GTEVROJLACXMUAOGAPGZEIOMNDUPNRZEKRHYOYPNRYHHXNLNXLPBNNAGIIGRIHUECDUYPEG RDSBHKLHDIJRDVIADPDWHFCQFODVCEJBSBVLYHHHRWEIKUERJBLMHNHHXODAJWDVNLZKAD CXNCXQCZDXSOIEYKLVSAETDIUTNMDRTKFWSIICNVEICCRBWUDMJNAKUAMOAXVXXCLVUAJBF ASOFKLVCOZONPOEYGYPOWZZLRCWPUAIEWEWSIICNGSMVMYHHHRMYVEAIYMAUUKWWKUPZ WZVSBVLPARXSDTZXQDWQGAACGKQQEHCPUURRBYHHDVCYGTPOEYVEEEAVOTGHRZGIEEEQD HFNZMGJOKLTGYAIBXMDVPQGGQEELDVLYRKCAYBNSZKADCXNAGDNCNAGRRMCGUICWDBLPE QXNAEDQFKWRVCYGJEUKYAYEZXJMEGBMYAZBVMAKYFRNNLYETAZWLRXLDARRREZQHLNMY KYGREELGUEMDCHPNSNHHXVGLOTTNRLAYIKWYVAEQTDMBWVLYXHQDNRVEEEKEKVOVTGQ WUNMNLKECINKYPOWZSXRKBRBIPOAEKOPCXNNLXVRPKKENRLLHGNBNLAKNRMOQUBNDJSBR TRVSEERDSDDSKAGYCCXJWKRNAMZHRNQOAAAAAAHLFUANBTOENDUYFRBQQJIEAMUACEEELZ UCXNXTIIHJAROVKEVTEYPNXDEICNLYOEMNWLVSBDMSUEMDJWRHZDUYFZWZLXWOAVARXSS DWSAIAWGSIUTTOYFNROUKACEODNBVJNNHEIUJDAESWEBXPNSNVEEEAOKDVPRDNXFXDTHXM RJNXKOCECORTRNDDIMHSRBPBHIRWUEIBNXHFEEYHHRJWZVNHXEEUYMHRYKIIKTDSLVTADJKE RNRBIIGEAGTBDKAIHUIIKAIASMXMEWVLYKUOUGPAYPEEPVXXNJNXLVSRRVRRRZDUFBCOXVSB RPDGYPUAYSHEILKKZPOAAKTOKLVOTPOEYOGPRNRJHMDLAUFCKAZAAAAANUEVLKKIQIANPH FVROZUUTANLHFCQRLQEELJWHPHLKKDVJEYKTUQLKKPUEUKARQRLKKGITLDJLVRIQUUFRRKO QAIYQKHVNSCATESKCAYPOACOUADXQQTECLJBFOGEZDXOSEPXNIDCDUAFEARWXVVDGQEIAA QKHVRHCKJPRBMXXWVSRDHAIZRBSMOQKOIVHLQKHVGQZWHQDAOAGPOEYTHRXKZKGOKECZ HVSELKLNHWPKGUEEFUJBKQEIHRDPRMHUQLJCHPOEEVERRAFGYOCAZOYFVOXOUPRNRWXXNJ NXFIAAYHDQQWAWSTEQDJXDCXNJUEREELWRHPNXLGCWDBXDOWZDRVPMYHHTVLPHPUEUPA QEETNVPBNCKSLQTEAKAEDMGQGXBRLAQEELKKDRHRQKIQCARLUODLGKIPOACOAEQEPKXDVG DUYCZQFOYMVMAODQRBMKHHKGMXXWCXNZDXKQVOYFVZRGYPAQJMHAJPNXGETLGQLRCWP UAICAOVEEZOALTXRLFKTERLKKJBNTOOYFSWNVEEDKAIHUIXRLKERRZGSPNRLSDPOXJWGITAY

UUVRBYAPIEBZVEEQWAKFAAWEISBRPRDZQHZKGTBVROWLMVNFOYFVNXNLXCAABLPRTTOTPO ATARVPIDCLVDPDEHBRNDWHIIBRLQIICJBFPHLKKKESMKKLFDEJLPACXFAUELWELYEDMYHLVJ WLHSBVJNNHEIAUZHGCAOAGBNSDHNUBSXWSVHLYOAYVDDUSFXWEINECTDXKXRMZHHRSARX EEVNYBXAILNXWUDAOVEEIKAWHBVMYGAKSACATACWEIDVOAAZXGLAYOFRRAEIAIDMOASPK AYHHGHRYKYPDQMSEATXZHHBVBQKHVCEZVDVPWEOJUERNXPACXNTDFRRYWLPNMMOJPNQE DXRUTNWTBRNOKLROARXSMOAEWEEOEZDDNRBRWAUIYRWDBVJNWDRVROHLFCXJXSERRPHD XSNNBXDOAAAPVVROOAXHRNCIEVBNRJEGLYSXIIBYHHWNRYHHMBNHUTMNLKCHQOAGDBVHI OKSPRNYHLVCOYOBEHRJBSBVLVONHKAZWEEEBNOUBREAVSBNRHSEICWYGTPHDNOZUCXNXSB RNNWLFREAOXOIYGOZHSORZWIEAEVAKCXJWJUIMDDLPHNTZHRDPNMSAAADJLWHLKKUOGND WWETLZJLAKAOGYTEQOUJAIYJVTFBANJGETLYHHTVLJKYPDXDABBRNKKLFVROWSRRLPHHFHK YHHROEELSUZEALTPOAPHDXSLKKTOEYNAYFRPDWDPRBJVDVOAAOUWDMKKDWGNJBSESXNXJ UKBVHDPRTJZTTVMZGXVVLNDNUIWYWGUEAKKLFGEZWHFOAAHLVSMDTHROAAJLGRYRPHFZW GLAKEQXBIQOKOLHRRBMKAXUEPELVSBJKIPOATMEIQAOHHRUNNOTPOEELTIIBYKZTKAZNRPCX NNAUHBKOIQCQCZHFQQAKQEELKKNPVTHKIUQXDZHIIBPAZDHNYVEEXXRLKERRZVUIIYNXTPHQ GAYCNLZOAXHJNXZRDLKGYCBSFQTINBYHHQBNLKXVVLGOTPVXCAXRSARXTUNLJWTINBYHHV BNZKWATUJBFOGLKKJUEUDJSBRYAKHVUQYVAEZXJMEBVBMOAXRRDUSUILKKWAKTDSLQDXN WSUHPNLSUCEHKRTCXNMEAKBCAXRSARXNUBRNKIVCSJBIQRROGYCBPYAZENZYHHGOWGLJRN AZBRRDAZODFCXNWRRPADBWOCLJBFUIXJWFXHJNWPACXLXHICBNDDHRNRVDUIWYWQEEGGG BEKGJVPAKTQKSRHKQDHQHSNIDNRWYOAACLGKFRBAGGGACWZHHTBLDBEADXRVLVSPRUTAI YOOSBRDNLTASADBEADIROSUCXNLXUEEOLHFDXNSLOVYDAIXHOHGYCPWADSUHIKKUESWOW EETQFKGRHSZHHMVMQXXOPXYHHRRTRWSVNYKVUEGTJKIPOADDIMHSRBKKCXNAQEEMNKUQH NOKUQOAVOTDHKELAKNRLGYPOAZVUERLZHHBVBVOAYRBZAZESWZVLVTAMAUBRNZHXEDIN XHMHNEVXTNAPKTHBLVHHRRMKKJIJAMXXWHNVHHRRMKKPIDYDGYCCOEAKUSGHBXMDLKKT OEYNAYXREEKIUAAAVEEUQOQLVSNRGTESLKKAEQLKOYFCXNAAFDLDXNBRMRGIQOEHGYCOW ZHHISRDSHFSWEIUAIYJWHEVXLAXFIWLHSPOAFKIATEGIHVCTNCLVZEGEHFVIRQSUSWEBHRVRO VEEIKAWHBVJJBFUICNCXRRECZAARBKKUQRTMVXPOALXHEIDDVSXRMRVIUZRDBLXHIPHLAED NJXRRLKKGAEARBITEQPKHFRBYAIRRMZVEENRMOYPZXRVLVRHPKAXRRYKOIJPGKXDCXNZXMR NDJIRRMZQXOIYDDDNRNYSDQCIRWPRVPCKIAILKKKXVRHKSMOWPHEISXJVEEELDJXRJAOHDQH RGQJUAAAGYCOAFGFBCXRTHHRAEVEETXJDIUQEEAKXRSRBXRVDNIFIEWYSXOKBKOQEUANBEI EBMAUPOAKORCOLJKTPDLAOYCRNYAEIAARWTAPRNLEAJXJWWRHPNXTPVLJAYAIMDMDECGOU SVHIYHLPOAVOTEIJNDXTRBJBSBRQGLJIKWPAUUUAZSEATXKOICEQVBNEKTDSDVCXNWLWRMN XQATAKKPIDDRLFESEELSATUNVHFVROJHXKWEVXBNMCDLGREYAYGRECOUADXPHDXSLKKXR GXRBXDVIDXBBHKZKSBRXXCKXRXRDGQCEATHFSNXLFECQQKJQQZNLLVSDXJGECAOVERHKLH SBRIDXAFSAZZDORBOOLXKEELWACWNLKKIOEKXXNJNXJRNAODROCWGODDOAPARXSXRTHYIO VBSBVLKKPIDEEAUTOEEDHDCLDVEECAELHRJAAMDEDQMMEOECKSLRSAEWLVSQWKUQRAAW WEEXRZTBRIDUAFOEWKJRNAOVEEKQXLHR

Mustafa Koray Akçocuk, Selim Sirac Güler, Mustafa Oğuz Dönmez, Can Özbaş

DellaPortacipher

http://members.aon.at/cipherclerk/CipherClerk.html

Plaintext:

TREATSOFOLIVERTWISTSGROWTHEDUCATIONANDBOARDFORTHENEXTEIGHTORTENMONTHSOLI VERWASTHEVICTIMOFASYSTEMATICCOURSEOFTREACHERYANDDECEPTIONHEWASBROUGHTUP BYHANDTHEHUNGRYANDDESTITUTESITUATIONOFTHEINFANTORPHANWASDULYREPORTEDBYT HEWORKHOUSEAUTHORITIESTOTHEPARISHAUTHORITIESTHEPARISHAUTHORITIESINQUIREDWIT HDIGNITYOFTHEWORKHOUSEAUTHORITIESWHETHERTHEREWASNOFEMALETHENDOMICILEDINT HEHOUSEWHOWASINASITUATIONTOIMPARTTOOLIVERTWISTTHECONSOLATIONANDNOURISHME NTOFWHICHHESTOODINNEEDTHEWORKHOUSEAUTHORITIESREPLIEDWITHHUMILITYTHATTHERE WASNOTUPONTHISTHEPARISHAUTHORITIESMAGNANIMOUSLYANDHUMANELYRESOLVEDTHATO LIVERSHOULDBEFARMEDORINOTHERWORDSTHATHESHOULDBEDISPATCHEDTOABRANCHWORK HOUSESOMETHREEMILESOFFWHERETWENTYORTHIRTYOTHERJUVENILEOFFENDERSAGAINSTTHE POORLAWSROLLEDABOUTTHEFLOORALLDAYWITHOUTTHEINCONVENIENCEOFTOOMUCHFOODO RTOOMUCHCLOTHINGUNDERTHEPARENTALSUPERINTENDENCEOFANELDERLYFEMALEWHORECE IVEDTHECULPRITSATANDFORTHECONSIDERATIONOFSEVENPENCEHALFPENNYPERSMALLHEADP ERWEEKSEVENPENCEHALFPENNYSWORTHPERWEEKISAGOODROUNDDIETFORACHILDAGREATDE ALMAYBEGOTFORSEVENPENCEHALFPENNYQUITEENOUGHTOOVERLOADITSSTOMACHANDMAKEI TUNCOMFORTABLETHEELDERLYFEMALEWASAWOMANOFWISDOMANDEXPERIENCESHEKNEWWH ATWASGOODFORCHILDRENANDSHEHADAVERYACCURATEPERCEPTIONOFWHATWASGOODFORHE RSELFSOSHEAPPROPRIATEDTHEGREATERPARTOFTHEWEEKLYSTIPENDTOHEROWNUSEANDCONSI GNEDTHERISINGPAROCHIALGENERATIONTOEVENASHORTERALLOWANCETHANWASORIGINALLY PROVIDEDFORTHEMTHEREBYFINDINGINTHELOWESTDEPTHADEEPERSTILLANDPROVINGHERSELF AVERYGREATEXPERIMENTALPHILOSOPHEREVERYBODYKNOWSTHESTORYOFANOTHEREXPERIM ENTALPHILOSOPHERWHOHADAGREATTHEORYABOUTAHORSEBEINGABLETOLIVEWITHOUTEATIN GANDWHODEMONSTRATEDITSOWELLTHATHEHADGOTHISOWNHORSEDOWNTOASTRAWADAYAN DWOULDUNOUESTIONABLYHAVERENDEREDHIMAVERYSPIRITEDANDRAMPACIOUSANIMALONNO THINGATALLIFHEHADNOTDIEDFOURANDTWENTYHOURSBEFOREHEWASTOHAVEHADHISFIRSTCO MFORTABLEBAITOFAIRUNFORTUNATELYFORTHEEXPERIMENTALPHILOSOPHYOFTHEFEMALETO WHOSEPROTECTINGCAREOLIVERTWISTWASDELIVEREDOVERASIMILARRESULTUSUALLYATTEND **EDTHEOPERATIONOFHERSYSTEMFORATTHEVERYMOMENTWHENTHECHILDHADCONTRIVEDTOEX** ISTUPONTHESMALLESTPOSSIBLEPORTIONOFTHEWEAKESTPOSSIBLEFOODITDIDPERVERSELYHAPP ENINEIGHTANDAHALFCASESOUTOFTENEITHERTHATITSICKENEDFROMWANTANDCOLDORFELLIN TOTHEFIREFROMNEGLECTORGOTHALFSMOTHEREDBYACCIDENTINANYONEOFWHICHCASESTHE MISERABLELITTLEBEINGWASUSUALLYSUMMONEDINTOANOTHERWORLDANDTHEREGATHEREDT OTHEFATHERSITHADNEVERKNOWNINTHISOCCASIONALLYWHENTHEREWASSOMEMORETHANUS UALLYINTERESTINGINQUESTUPONAPARISHCHILDWHOHADBEENOVERLOOKEDINTURNINGUPABE DSTEADORINADVERTENTLYSCALDEDTODEATHWHENTHEREHAPPENEDTOBEAWASHINGTHOUGH THELATTERACCIDENTWASVERYSCARCEANYTHINGAPPROACHINGTOAWASHINGBEINGOFRAREOC CURRENCEINTHEFARMTHEJURYWOULDTAKEITINTOTHEIRHEADSTOASKTROUBLESOMEQUESTIO NSORTHEPARISHIONERSWOULDREBELLIOUSLYAFFIXTHEIRSIGNATURESTOAREMONSTRANCEBUT THESEIMPERTINENCESWERESPEEDILYCHECKEDBYTHEEVIDENCEOFTHESURGEONANDTHETESTI MONYOFTHEBEADLETHEFORMEROFWHOMHADALWAYSOPENEDTHEBODYANDFOUNDNOTHINGIN SIDEWHICHWASVERYPROBABLEINDEEDANDTHELATTEROFWHOMINVARIABLYSWOREWHATEVE RTHEPARISHWANTEDWHICHWASVERYSELFDEVOTIONALBESIDESTHEBOARDMADEPERIODICALPI LGRIMAGESTOTHEFARMANDALWAYSSENTTHEBEADLETHEDAYBEFORETOSAYTHEYWEREGOING THECHILDRENWERENEATANDCLEANTOBEHOLDWHENTHEYWENTANDWHATMOREWOULDTHEPE OPLEHAVEITCANNOTBEEXPECTEDTHATTHISSYSTEMOFFARMINGWOULDPRODUCEANYVERYEXT RAORDINARYORLUXURIANTCROPOLIVERTWISTSNINTHBIRTHDAYFOUNDHIMAPALETHINCHILDS OMEWHATDIMINUTIVEINSTATUREANDDECIDEDLYSMALLINCIRCUMFERENCEBUTNATUREORINH ERITANCEHADIMPLANTEDAGOODSTURDYSPIRITINOLIVERSBREASTITHADHADPLENTYOFROOMT OEXPANDTHANKSTOTHESPAREDIETOFTHEESTABLISHMENTANDPERHAPSTOTHISCIRCUMSTANCE

MAYBEATTRIBUTEDHISHAVINGANYNINTHBIRTHDAYATALLBETHISASITMAYHOWEVERITWASHIS NINTHBIRTHDAYANDHEWASKEEPINGITINTHECOALCELLARWITHASELECTPARTYOFTWOOTHERY OUNGGENTLEMANWHOAFTERPARTICIPATINGWITHHIMINASOUNDTHRASHINGHADBEENLOCKED UPFORATROCIOUSLYPRESUMINGTOBEHUNGRYWHENMRSMANNTHEGOODLADYOFTHEHOUSEWA SUNEXPECTEDLYSTARTLEDBYTHEAPPARITIONOFMRBUMBLETHEBEADLESTRIVINGTOUNDOTHE WICKETOFTHEGARDENGATEGOODNESSGRACIOUSISTHATYOUMRBUMBLESIRSAIDMRSMANNTHR USTINGHERHEADOUTOFTHEWINDOWINWELLAFFECTEDECSTASIESOFJOYSUSANTAKEOLIVERAND THEMTWOBRATSUPSTAIRSANDWASHEMDIRECTLYMYHEARTALIVEMRBUMBLEHOWGLADIAMTO SEEYOUSURELYNOWMRBUMBLEWASAFATMANANDACHOLERICSOINSTEADOFRESPONDINGTOTHI SOPENHEARTEDSALUTATIONINAKINDREDSPIRITHEGAVETHELITTLEWICKETATREMENDOUSSHAK EANDTHENBESTOWEDUPONITAKICKWHICHCOULDHAVEEMANATEDFROMNOLEGBUTABEADLESL ORONLYTHINKSAIDMRSMANNRUNNINGOUTFORTHETHREEBOYSHADBEENREMOVEDBYTHISTIME ONLYTHINKOFTHATTHATISHOULDHAVEFORGOTTENTHATTHEGATEWASBOLTEDONTHEINSIDEON ACCOUNTOFTHEMDEARCHILDRENWALKINSIRWALKINPRAYMRBUMBLEDOSIRALTHOUGHTHISIN VITATIONWASACCOMPANIEDWITHACURTSEYTHATMIGHTHAVESOFTENEDTHEHEARTOFACHURC HWARDENITBYNOMEANSMOLLIFIEDTHEBEADLEDOYOUTHINKTHISRESPECTFULORPROPERCOND UCTMRSMANNINQUIREDMRBUMBLEGRASPINGHISCANETOKEEPTHEPARISHOFFICERSAWAITINGA TYOURGARDENGATEWHENTHEYCOMEHEREUPONPOROCHIALBUSINESSWITHTHEPOROCHIALORP HANSAREYOUAWEERMRSMANNTHATYOUAREASIMAYSAYAPOROCHIALDELEGATEANDASTIPEND IARYIMSUREMRBUMBLETHATIWASONLYATELLINGONEORTWOOFTHEDEARCHILDRENASISSOFON DOFYOUTHATITWASYOUACOMINGREPLIEDMRSMANNWITHGREATHUMILITYMRBUMBLEHADAGR EATIDEAOFHISORATORICALPOWERSANDHISIMPORTANCEHEHADDISPLAYEDTHEONEANDVINDIC ATEDTHEOTHERHERELAXEDWELLWELLMRSMANNHEREPLIEDINACALMERTONEITMAYBEASYOU SAYITMAYBELEADTHEWAYINMRSMANNFORICOMEONBUSINESSANDHAVESOMETHINGTOSAYMR SMANNUSHEREDTHEBEADLEINTOASMALLPARLOURWITHABRICKFLOORPLACEDASEATFORHIMA NDOFFICIOUSLYDEPOSITEDHISCOCKEDHATANDCANEONTHETABLEBEFOREHIMMRBUMBLEWIPE DFROMHISFOREHEADTHEPERSPIRATIONWHICHHISWALKHADENGENDEREDGLANCEDCOMPLACE NTLYATTHECOCKEDHATANDSMILEDYESHESMILEDBEADLESAREBUTMENANDMRBUMBLESMILE DNOWDONTYOUBEOFFENDEDATWHATIMAGOINGTOSAYOBSERVEDMRSMANNWITHCAPTIVATING SWEETNESSYOUVEHADALONGWALKYOUKNOWORIWOULDNTMENTIONITNOWWILLYOUTAKEALI TTLEDROPOFSOMETHINKMRBUMBLENOTADROPNORADROPSAIDMRBUMBLEWAVINGHISRIGHTH ANDINADIGNIFIEDBUTPLACIDMANNERITHINKYOUWILLSAIDMRSMANNWHOHADNOTICEDTHETO NEOFTHEREFUSALANDTHEGESTURETHATHADACCOMPANIEDITJUSTALEETLEDROPWITHALITTLE COLDWATERANDALUMPOFSUGARMRBUMBLECOUGHEDNOWJUSTALEETLEDROPSAIDMRSMANNP ERSUASIVELYWHATISITINOUIREDTHEBEADLEWHYITSWHATIMOBLIGEDTOKEEPALITTLEOFINTHE HOUSETOPUTINTOTHEBLESSEDINFANTSDAFFYWHENTHEYAINTWELLMRBUMBLEREPLIEDMRSMA NNASSHEOPENEDACORNERCUPBOARDANDTOOKDOWNABOTTLEANDGLASSITSGINILLNOTDECEI VEYOUMRBITSGINDOYOUGIVETHECHILDRENDAFFYMRSMANNINOUIREDBUMBLEFOLLOWINGWI THHISEYESTHEINTERESTINGPROCESSOFMIXINGAHBLESSEMTHATIDODEARASITISREPLIEDTHENU RSEICOULDNTSEEEMSUFFERBEFOREMYVERYEYESYOUKNOWSIRNOSAIDMRBUMBLEAPPROVINGL YNOYOUCOULDNOTYOUAREAHUMANEWOMANMRSMANNHERESHESETDOWNTHEGLASSISHALLT AKEAEARLYOPPORTUNITYOFMENTIONINGITTOTHEBOARDMRSMANNHEDREWITTOWARDSHIMYO UFEELASAMOTHERMRSMANNHESTIRREDTHEGINANDWATERIIDRINKYOURHEALTHWITHCHEERF ULNESSMRSMANNANDHESWALLOWEDHALFOFITANDNOWABOUTBUSINESSSAIDTHEBEADLETAKI NGOUTALEATHERNPOCKETBOOKTHECHILDTHATWASHALFBAPTIZEDOLIVERTWISTISNINEYEARO LDTODAYBLESSHIMINTERPOSEDMRSMANNINFLAMINGHERLEFTEYEWITHTHECORNEROFHERAPR ONANDNOTWITHSTANDINGAOFFEREDREWARDOFTENPOUNDWHICHWASAFTERWARDSINCREASE DTOTWENTYPOUNDNOTWITHSTANDINGTHEMOSTSUPERLATIVEANDIMAYSAYSUPERNATRALEXE RTIONSONTHEPARTOFTHISPARISHSAIDBUMBLEWEHAVENEVERBEENABLETODISCOVERWHOISHIS FATHERORWHATWASHISMOTHERSSETTLEMENTNAMEORCONDITIONMRSMANNRAISEDHERHAND SINASTONISHMENTBUTADDEDAFTERAMOMENTSREFLECTIONHOWCOMESHETOHAVEANYNAMEA TALLTHENTHEBEADLEDREWHIMSELFUPWITHGREATPRIDEANDSAIDIINWENTEDITYOUMRBUMBL EIMRSMANNWENAMEOURFONDLINGSINALPHABETICALORDERTHELASTWASASSWUBBLEINAMED HIMTHISWASATTWISTINAMEDHIMTHENEXTONECOMESWILLBEUNWINANDTHENEXTVILKINSIHA VEGOTNAMESREADYMADETOTHEENDOFTHEALPHABETANDALLTHEWAYTHROUGHITAGAINWHE NWECOMETOZWHYYOUREQUITEALITERARYCHARACTERSIRSAIDMRSMANNWELLWELLSAIDTHEB EADLEEVIDENTLYGRATIFIEDWITHTHECOMPLIMENTPERHAPSIMAYBEPERHAPSIMAYBEMRSMANN HEFINISHEDTHEGINANDWATERANDADDEDOLIVERBEINGNOWTOOOLDTOREMAINHERETHEBOAR

DHAVEDETERMINEDTOHAVEHIMBACKINTOTHEHOUSEIHAVECOMEOUTMYSELFTOTAKEHIMTHER ESOLETMESEEHIMATONCEILLFETCHHIMDIRECTLYSAIDMRSMANNLEAVINGTHEROOMFORTHATP URPOSEOLIVERHAVINGHADBYTHISTIMEASMUCHOFTHEOUTERCOATOFDIRTWHICHENCRUSTEDHI SFACEANDHANDSREMOVEDASCOULDBESCRUBBEDOFFINONEWASHINGWASLEDINTOTHEROOMB YHISBENEVOLENTPROTECTRESSMAKEABOWTOTHEGENTLEMANOLIVERSAIDMRSMANNOLIVERM ADEABOWWHICHWASDIVIDEDBETWEENTHEBEADLEONTHECHAIRANDTHECOCKEDHATONTHETA BLEWILLYOUGOALONGWITHMEOLIVERSAIDMRBUMBLEINAMAJESTICVOICEOLIVERWASABOUTT OSAYTHATHEWOULDGOALONGWITHANYBODYWITHGREATREADINESSWHENGLANCINGUPWARD HECAUGHTSIGHTOFMRSMANNWHOHADGOTBEHINDTHEBEADLESCHAIRANDWASSHAKINGHERFIS TATHIMWITHAFURIOUSCOUNTENANCEHETOOKTHEHINTATONCEFORTHEFISTHADBEENTOOOFTE NIMPRESSEDUPONHISBODYNOTTOBEDEEPLYIMPRESSEDUPONHISRECOLLECTIONWILLSHEGOWIT HMEINQUIREDPOOROLIVERNOSHECANTREPLIEDMRBUMBLEBUTSHELLCOMEANDSEEYOUSOMETI MESTHISWASNOVERYGREATCONSOLATIONTOTHECHILDYOUNGASHEWASHOWEVERHEHADSENS EENOUGHTOMAKEAFEINTOFFEELINGGREATREGRETATGOINGAWAYITWASNOVERYDIFFICULTMA TTERFORTHEBOYTOCALLTEARSINTOHISEYESHUNGERANDRECENTILLUSAGEAREGREATASSISTA NTSIFYOUWANTTOCRYANDOLIVERCRIEDVERYNATURALLYINDEEDMRSMANNGAVEHIMATHOUS ANDEMBRACESANDWHATOLIVERWANTEDAGREATDEALMOREAPIECEOFBREADANDBUTTERLESS HESHOULDSEEMTOOHUNGRYWHENHEGOTTOTHEWORKHOUSEWITHTHESLICEOFBREADINHISHA NDANDTHELITTLEBROWNCLOTHPARISHCAPONHISHEADOLIVERWASTHENLEDAWAYBYMRBUMB LEFROMTHEWRETCHEDHOMEWHEREONEKINDWORDORLOOKHADNEVERLIGHTEDTHEGLOOMOF HISINFANTYEARSANDYETHEBURSTINTOANAGONYOFCHILDISHGRIEFASTHECOTTAGEGATECLOSE DAFTERHIMWRETCHEDASWERETHELITTLECOMPANIONSINMISERYHEWASLEAVINGBEHINDTHEY WERETHEONLYFRIENDSHEHADEVERKNOWNANDASENSEOFHISLONELINESSINTHEGREATWIDEWO RLDSANKINTOTHECHILDSHEARTFORTHEFIRSTTIMEMRBUMBLEWALKEDONWITHLONGSTRIDESLI TTLEOLIVERFIRMLYGRASPINGHISGOLDLACEDCUFFTROTTEDBESIDEHIMINQUIRINGATTHEENDOF EVERYQUARTEROFAMILEWHETHERTHEYWERENEARLYTHERETOTHESEINTERROGATIONSMRBUM BLERETURNEDVERYBRIEFANDSNAPPISHREPLIESFORTHETEMPORARYBLANDNESSWHICHGINAND WATERAWAKENSINSOMEBOSOMSHADBYTHISTIMEEVAPORATEDANDHEWASONCEAGAINABEADL EOLIVERHADNOTBEENWITHINTHEWALLSOFTHEWORKHOUSEAQUARTEROFANHOURANDHADSCA RCELYCOMPLETEDTHEDEMOLITIONOFASECONDSLICEOFBREADWHENMRBUMBLEWHOHADHAND EDHIMOVERTOTHECAREOFANOLDWOMANRETURNEDANDTELLINGHIMITWASABOARDNIGHTINFO RMEDHIMTHATTHEBOARDHADSAIDHEWASTOAPPEARBEFOREITFORTHWITHNOTHAVINGAVERYC LEARLYDEFINEDNOTIONOFWHATALIVEBOARDWASOLIVERWASRATHERASTOUNDEDBYTHISINTE LLIGENCEANDWASNOTOUITECERTAINWHETHERHEOUGHTTOLAUGHORCRYHEHADNOTIMETOTHI NKABOUTTHEMATTERHOWEVERFORMRBUMBLEGAVEHIMATAPONTHEHEADWITHHISCANETOWA KEHIMUPANDANOTHERONTHEBACKTOMAKEHIMLIVELYANDBIDDINGHIMTOFOLLOWCONDUCTE DHIMINTOALARGEWHITEWASHEDROOMWHEREEIGHTORTENFATGENTLEMENWERESITTINGROUN DATABLEATTHETOPOFTHETABLESEATEDINANARMCHAIRRATHERHIGHERTHANTHERESTWASAPA RTICULARLYFATGENTLEMANWITHAVERYROUNDREDFACEBOWTOTHEBOARDSAIDBUMBLEOLIVE RBRUSHEDAWAYTWOORTHREETEARSTHATWERELINGERINGINHISEYESANDSEEINGNOBOARDBU TTHETABLEFORTUNATELYBOWEDTOTHATWHATSYOURNAMEBOYSAIDTHEGENTLEMANINTHEHI GHCHAIROLIVERWASFRIGHTENEDATTHESIGHTOFSOMANYGENTLEMENWHICHMADEHIMTREMBL EANDTHEBEADLEGAVEHIMANOTHERTAPBEHINDWHICHMADEHIMCRYTHESETWOCAUSESMADEH IMANSWERINAVERYLOWANDHESITATINGVOICEWHEREUPONAGENTLEMANINAWHITEWAISTCOA TSAIDHEWASAFOOLWHICHWASACAPITALWAYOFRAISINGHISSPIRITSANDPUTTINGHIMQUITEATHI SEASEBOYSAIDTHEGENTLEMANINTHEHIGHCHAIRLISTENTOMEYOUKNOWYOUREANORPHANISUP POSEWHATSTHATSIRINOUIREDPOOROLIVERTHEBOYISAFOOLITHOUGHTHEWASSAIDTHEGENTLE MANINTHEWHITEWAISTCOATHUSHSAIDTHEGENTLEMANWHOHADSPOKENFIRSTYOUKNOWYOUV EGOTNOFATHERORMOTHERANDTHATYOUWEREBROUGHTUPBYTHEPARISHDONTYOUYESSIRREP LIEDOLIVERWEEPINGBITTERLYWHATAREYOUCRYINGFORINOUIREDTHEGENTLEMANINTHEWHIT EWAISTCOATANDTOBESUREITWASVERYEXTRAORDINARYWHATCOULDTHEBOYBECRYINGFORIH OPEYOUSAYYOURPRAYERSEVERYNIGHTSAIDANOTHERGENTLEMANINAGRUFFVOICEANDPRAYF ORTHEPEOPLEWHOFEEDYOUANDTAKECAREOFYOULIKEACHRISTIANYESSIRSTAMMEREDTHEBOY THEGENTLEMANWHOSPOKELASTWASUNCONSCIOUSLYRIGHTITWOULDHAVEBEENVERYLIKEACH RISTIANANDAMARVELLOUSLYGOODCHRISTIANTOOIFOLIVERHADPRAYEDFORTHEPEOPLEWHOFE DANDTOOKCAREOFHIMBUTHEHADNTBECAUSENOBODYHADTAUGHTHIMWELLYOUHAVECOMEH ERETOBEEDUCATEDANDTAUGHTAUSEFULTRADESAIDTHEREDFACEDGENTLEMANINTHEHIGHCH AIRSOYOULLBEGINTOPICKOAKUMTOMORROWMORNINGATSIXOCLOCKADDEDTHESURLYONEINT

HEWHITEWAISTCOATFORTHECOMBINATIONOFBOTHTHESEBLESSINGSINTHEONESIMPLEPROCESS OFPICKINGOAKUMOLIVERBOWEDLOWBYTHEDIRECTIONOFTHEBEADLEANDWASTHENHURRIEDA WAYTOALARGEWARDWHEREONAROUGHHARDBEDHESOBBEDHIMSELFTOSLEEPWHATANOVELIL LUSTRATIONOFTHETENDERLAWSOFENGLANDTHEYLETTHEPAUPERSGOTOSLEEPPOOROLIVERHEL ITTLETHOUGHTASHELAYSLEEPINGINHAPPYUNCONSCIOUSNESSOFALLAROUNDHIMTHATTHEBOA RDHADTHATVERYDAYARRIVEDATADECISIONWHICHWOULDEXERCISETHEMOSTMATERIALINFLU ENCEOVERALLHISFUTUREFORTUNESBUTTHEYHADANDTHISWASITTHEMEMBERSOFTHISBOARDW EREVERYSAGEDEEPPHILOSOPHICALMENANDWHENTHEYCAMETOTURNTHEIRATTENTIONTOTHE WORKHOUSETHEYFOUNDOUTATONCEWHATORDINARYFOLKSWOULDNEVERHAVEDISCOVEREDT HEPOORPEOPLELIKEDITITWASAREGULARPLACEOFPUBLICENTERTAINMENTFORTHEPOORERCLAS SESATAVERNWHERETHEREWASNOTHINGTOPAYAPUBLICBREAKFASTDINNERTEAANDSUPPERALL THEYEARROUNDABRICKANDMORTARELYSIUMWHEREITWASALLPLAYANDNOWORKOHOSAIDTH EBOARDLOOKINGVERYKNOWINGWEARETHEFELLOWSTOSETTHISTORIGHTSWELLSTOPITALLINN OTIMESOTHEYESTABLISHEDTHERULETHATALLPOORPEOPLESHOULDHAVETHEALTERNATIVEFOR THEYWOULDCOMPELNOBODYNOTTHEYOFBEINGSTARVEDBYAGRADUALPROCESSINTHEHOUSEO RBYAQUICKONEOUTOFITWITHTHISVIEWTHEYCONTRACTEDWITHTHEWATERWORKSTOLAYONAN UNLIMITEDSUPPLYOFWATERANDWITHACORNFACTORTOSUPPLYPERIODICALLYSMALLQUANTITI ESOFOATMEALANDISSUEDTHREEMEALSOFTHINGRUELADAYWITHANONIONTWICEAWEEKANDHA LFAROLLOFSUNDAYSTHEYMADEAGREATMANYOTHERWISEANDHUMANEREGULATIONSHAVINGR EFERENCETOTHELADIESWHICHITISNOTNECESSARYTOREPEATKINDLYUNDERTOOKTODIVORCEPO ORMARRIEDPEOPLEINCONSEOUENCEOFTHEGREATEXPENSEOFASUITINDOCTORSCOMMONSANDI NSTEADOFCOMPELLINGAMANTOSUPPORTHISFAMILYASTHEYHADTHERETOFOREDONETOOKHISF AMILYAWAYFROMHIMANDMADEHIMABACHELORTHEREISNOSAYINGHOWMANYAPPLICANTSFOR RELIEFUNDERTHESELASTTWOHEADSMIGHTHAVESTARTEDUPINALLCLASSESOFSOCIETYIFITHAD NOTBEENCOUPLEDWITHTHEWORKHOUSEBUTTHEBOARDWERELONGHEADEDMENANDHADPROVI DEDFORTHISDIFFICULTYTHERELIEFWASINSEPARABLEFROMTHEWORKHOUSEANDTHEGRUELAND THATFRIGHTENEDPEOPLEFORTHEFIRSTSIXMONTHSAFTEROLIVERTWISTWASREMOVEDTHESYSTE MWASINFULLOPERATIONITWASRATHEREXPENSIVEATFIRSTINCONSEQUENCEOFTHEINCREASEINT HEUNDERTAKERSBILLANDTHENECESSITYOFTAKINGINTHECLOTHESOFALLTHEPAUPERSWHICHFL UTTEREDLOOSELYONTHEIRWASTEDSHRUNKENFORMSAFTERAWEEKORTWOSGRUELBUTTHENUM BEROFWORKHOUSEINMATESGOTTHINASWELLASTHEPAUPERSANDTHEBOARDWEREINECSTASIES THEROOMINWHICHTHEBOYSWEREFEDWASALARGESTONEHALLWITHACOPPERATONEENDOUTOF WHICHTHEMASTERDRESSEDINANAPRONFORTHEPURPOSEANDASSISTEDBYONEORTWOWOMENLA DLEDTHEGRUELATMEALTIMESOFTHISFESTIVECOMPOSITIONEACHBOYHADONEPORRINGERANDN OMOREEXCEPTONOCCASIONSOFGREATPUBLICREJOICINGWHENHEHADTWOOUNCESANDAOUART EROFBREADBESIDESTHEBOWLSNEVERWANTEDWASHINGTHEBOYSPOLISHEDTHEMWITHTHEIRSP OONSTILLTHEYSHONEAGAINANDWHENTHEYHADPERFORMEDTHISOPERATIONWHICHNEVERTOO KVERYLONGTHESPOONSBEINGNEARLYASLARGEASTHEBOWLSTHEYWOULDSITSTARINGATTHEC OPPERWITHSUCHEAGEREYESASIFTHEYCOULDHAVEDEVOUREDTHEVERYBRICKSOFWHICHITWAS COMPOSEDEMPLOYINGTHEMSELVESMEANWHILEINSUCKINGTHEIRFINGERSMOSTASSIDUOUSLY WITHTHEVIEWOFCATCHINGUPANYSTRAYSPLASHESOFGRUELTHATMIGHTHAVEBEENCASTTHERE ONBOYSHAVEGENERALLYEXCELLENTAPPETITESOLIVERTWISTANDHISCOMPANIONSSUFFEREDT HETORTURESOFSLOWSTARVATIONFORTHREEMONTHSATLASTTHEYGOTSOVORACIOUSANDWILD WITHHUNGERTHATONEBOYWHOWASTALLFORHISAGEANDHADNTBEENUSEDTOTHATSORTOFTHI NGFORHISFATHERHADKEPTASMALLCOOKSHOPHINTEDDARKLYTOHISCOMPANIONSTHATUNLESS HEHADANOTHERBASINOFGRUELPERDIEMHEWASAFRAIDHEMIGHTSOMENIGHTHAPPENTOEATTHE BOYWHOSLEPTNEXTHIMWHOHAPPENEDTOBEAWEAKLYYOUTHOFTENDERAGEHEHADAWILDHUN GRYEYEANDTHEYIMPLICITLYBELIEVEDHIMACOUNCILWASHELDLOTSWERECASTWHOSHOULDW ALKUPTOTHEMASTERAFTERSUPPERTHATEVENINGANDASKFORMOREANDITFELLTOOLIVERTWIST THEEVENINGARRIVEDTHEBOYSTOOKTHEIRPLACESTHEMASTERINHISCOOKSUNIFORMSTATIONED HIMSELFATTHECOPPERHISPAUPERASSISTANTSRANGEDTHEMSELVESBEHINDHIMTHEGRUELWASS ERVEDOUTANDALONGGRACEWASSAIDOVERTHESHORTCOMMONSTHEGRUELDISAPPEAREDTHEB OYSWHISPEREDEACHOTHERANDWINKEDATOLIVERWHILEHISNEXTNEIGHBORSNUDGEDHIMCHIL DASHEWASHEWASDESPERATEWITHHUNGERANDRECKLESSWITHMISERYHEROSEFROMTHETABLE ANDADVANCINGTOTHEMASTERBASINANDSPOONINHANDSAIDSOMEWHATALARMEDATHISOWNT EMERITYPLEASESIRIWANTSOMEMORETHEMASTERWASAFATHEALTHYMANBUTHETURNEDVERYP ALEHEGAZEDINSTUPEFIEDASTONISHMENTONTHESMALLREBELFORSOMESECONDSANDTHENCLU NGFORSUPPORTTOTHECOPPERTHEASSISTANTSWEREPARALYSEDWITHWONDERTHEBOYSWITHFE

ARWHATSAIDTHEMASTERATLENGTHINAFAINTVOICEPLEASESIRREPLIEDOLIVERIWANTSOMEMOR ETHEMASTERAIMEDABLOWATOLIVERSHEADWITHTHELADLEPINIONEDHIMINHISARMANDSHRIEK EDALOUDFORTHEBEADLETHEBOARDWERESITTINGINSOLEMNCONCLAVEWHENMRBUMBLERUSH EDINTOTHEROOMINGREATEXCITEMENTANDADDRESSINGTHEGENTLEMANINTHEHIGHCHAIRSAID MRLIMBKINSIBEGYOURPARDONSIROLIVERTWISTHASASKEDFORMORETHEREWASAGENERALSTA RTHORRORWASDEPICTEDONEVERYCOUNTENANCEFORMORESAIDMRLIMBKINSCOMPOSEYOURSE LFBUMBLEANDANSWERMEDISTINCTLYDOIUNDERSTANDTHATHEASKEDFORMOREAFTERHEHADE ATENTHESUPPERALLOTTEDBYTHEDIETARYHEDIDSIRREPLIEDBUMBLETHATBOYWILLBEHUNGSAI DTHEGENTLEMANINTHEWHITEWAISTCOATIKNOWTHATBOYWILLBEHUNGNOBODYCONTROVERT EDTHEPROPHETICGENTLEMANSOPINIONANANIMATEDDISCUSSIONTOOKPLACEOLIVERWASORDE REDINTOINSTANTCONFINEMENTANDABILLWASNEXTMORNINGPASTEDONTHEOUTSIDEOFTHEGA TEOFFERINGAREWARDOFFIVEPOUNDSTOANYBODYWHOWOULDTAKEOLIVERTWISTOFFTHEHAND SOFTHEPARISHINOTHERWORDSFIVEPOUNDSANDOLIVERTWISTWEREOFFEREDTOANYMANORWO MANWHOWANTEDANAPPRENTICETOANYTRADEBUSINESSORCALLINGINEVERWASMORECONVINC EDOFANYTHINGINMYLIFESAIDTHEGENTLEMANINTHEWHITEWAISTCOATASHEKNOCKEDATTHEG ATEANDREADTHEBILLNEXTMORNINGINEVERWASMORECONVINCEDOFANYTHINGINMYLIFETHAN IAMTHATTHATBOYWILLCOMETOBEHUNGASIPURPOSETOSHOWINTHESEQUELWHETHERTHEWHIT EWAISTCOATEDGENTLEMANWASRIGHTORNOTISHOULDPERHAPSMARTHEINTERESTOFTHISNARR ATIVESUPPOSINGITTOPOSSESSANYATALLIFIVENTUREDTOHINTJUSTYETWHETHERTHELIFEOFOLI VERTWISTHADTHISVIOLENTTERMINATIONORNO

Ciphertext:

MMVXEKHXKVXAYMCMXKMAXHMBMZVNFXUBZELVGVSEPJXXKHEPYIVAEZPYYJMJMWJWMFM ZBENOBWAMPKMZVLXXMNQEUVLGBJTUUBZZRGAMBOMNMMVXRPYMHXLYXWTOALPJJRTBUA SHMMNZCKAWEZRDSLOWYKLOKGRDSYYACSEMMWBSEMUBZELGZBYOXFZSJJMJIZRDHVLVDVJJ YKKHEZXTHJWZCJAUWGAAVXFLOJASEOYACEEPYKRHXKOSDJWGKNCSTKMZVFPJPAYXFLOJASE QYAZDBMPMVNHQMZUSVFPBHEULOWFECSOJDITVABYECQMNVIHPYBYOCLOWAOHVLIKPTUUQ VJWZGVKWXXPQVNXFMZVRMMLWFRMBUAZDPKPBDXEQHICEXUISAJEGHQZLTJMEZIELOWTELK HORJXGGSJNLGAMZIWUYICEUBONTRWZLBKESOGIVOSLOWFECSOJDITVABYECOMNVICZIOZOSBP BYRFUPQZJJLOSCJWZKWFXDFHBDFMFMZZIEPYKRHXKOSDJWGKNCSTKTSXDPFPRKKDTESJNWMT SJONDKWBENAYVCRPLHOZLTJLZKKNYVWWXCUYVKHXFHBYOCBHMUIEPUBYODPHCPNOZXNBF PLWZVNEGUTAXLXOEKHZPHCBODGTWCRCZYRZVTKHXWMWZKWCMTFMGKHEPPMCBMLOWAT FAYIZVTGZXVDSZKAROPOGACJWZIJKHNVCAAENTYVRYMMMBYOUTHJAXNTXSHMXLOJDJEPYNJ ZMFBWJSTFWWKPEGHRDZWNHJUECLHJQKRPWQKJWQGYDDSZKBYOAVKWJJPTLCLOCQGBVDSZ GUVEUVGWPNTJSGWOOVSWFRMJYUVSGZXBYORMSKASEKUBRDSNHMCRTXHIBSSZKSCSMFHXB OGZGKVDRZOSPPAZGIHFTJLRRVNPYSUFTJCWVUDZBWJFTFWWYXNNIWJDJKCJAJWHYMFOTSPAR QMGXMKKLYXNVJUGKSTRXTXSXHTVMVVXNUUGSOVGMXKHDZBWJFTFWWYXNNIWJDJIANCOT FHCXREGHDVHNGUVZJDKMJOXRPUIUWPSYNCKLXHRWECLUTPOEPYWPNTJSGWOOVSWFXDVCJO XLGZEZISGTSJNTCIWASTFWWBRTSGWFMWVMERIVGHVWECXONPNCZGSJNDPYZRNPAYMHXRXA MRJTHYMTOALPJJEUBOSCMPKNJKNUGKZVHDZSXBEDPYSLFCGIMZXEZXBYOVJYSCOCHUMCEUL OWFOTSSGBJXHYIUJMPYMKMLMLWRDSXHIBSVFYVCRTJPAZDVHUMKZWOUOXOLZKSCSMFMJVL TFUAYECLYMRVNGCSJZTLOSJMPKHMZQXFUQPBAJHDZNTYZJAJWZTBYOCZVGWSLYPIXSLLOWPE HZLBUOALOSUOTHYMBJXTSSJNAJHDZDVPYMBONNUDVHJOKWRJTCIWASOZGBRVAPPQKIMHOW AOGZKGSESDRIKMDLOWBJMJEJWXLGMZVHTCIWASOZGBRVAPPQKIMHOWAMWGOSUXVJYSCJW ZHMHXOGABRRMJLWSOXFNSSVTLHOZLTBPBYEFLYSCSLOUIUMWGXWOELKMMRJTYPBBEHZSOC RPLOWYXSOHBYSDGCIYECKYVKMLLHSBJCVCSUXJVGVFEFTXCJGFZLBZELVVOHRPAYMVDSZKW URXUUDVHJKINASEZXSJNCVTKRZXGAARDXUUQKDLGMZZDVVMSPVXNOWYXSFHBUSTYZJDHPF XBFOLLEZKKCKVWWECZOWFXDLHZRLTPUVYSDNPMBJRGTXKHEVVOVYPOMJWXXJAIWECLAIRJ TTEXKHEPYWGFTJPRVDEVSKYSNGLJLRJGZBYOUZTSPOEGCZKITHKJCORLPIXZPJYJPSGZKBFSDLC SBNTTPDVHTYHDVHPKPRZVPJKWBKNLAADXNTESCJTFXWUJWZHKVHPLPJJEUPYMBBDLYRWECV MBYOGZKGQEOZGBFRTFMZVZWQSVYXSXHICHXAYVCETCPACKAGGBYODUUQPODLIJBIXWSWLE CLPJJEULOWFOPSYACFMKLNSVTNHJUSEYPVLOCAYMBONDOSLFTFPIVSVPMSJNPPUQWZPKYAKK EGZBVDTQMZVHEPUBZJDQWPVDTYZMKWHVGBRDSXHQUECNYQPSLLHBYOUQKWWHMUGWXVT XMJAQMLOSPPDUHBYOCZXTHXRXPVVDEQGSJBMFYJWMWQWZTXDZLBYOOQLWAXQTYQZJETYT VSLOCSBKDMUQPBDMTRKDTYPICEPFHBYOCBHMPNPFXBYOCZNSCRTJYVCEEPYXRJWZKAZJWVX IVLTJRIKMLOGBYSDGWURIXGGSPVJBOWJJWZKWFXDKHRVWMJYBYXLMLCRVNDPICOCZLBZDVO GLDODLAKKDPHUMZIWXONPNHPHZRNOZYIKLTJSJKUTYPICKCFPIXKAVVWUIEZUVKHXFUVEOCL

YICVJKWSPNTYMJUOPLOEYOLLOWAOWVIKVDTYMJSOPBUAYSLOMZKKVPMZVVPLMWAXRXPVV DEBUAEOCDLURHRZUIHJWQGYRFAJHSTRXFNBKXHVLZZDVWYNJQMNKSAOMXWCAHTFWWZDEP YXRHOLOWNKCDCJDVSLUPVSEQGBKJWZPMYOPYLBKXDSMMKKQTYAKWTIAWBJXGGAKHEPYK RHXKONKDTJLEKKNYKWSONTPJDINDUXWSILOWZHDONIRJFJYACEPJYRKDDLKSJZTWABCRTKYN **OFTJMNJOLXYAFOCZLKVOSQSGTRTXRWUYJLOWVLXYYITOMNMZVIFJNWKDPFXBYOEZLBZWMF** EJWJWZVWRNNZMZVPMJTWAEUBOJQRPYUQFXJKHKVDTYMZVYMYESJNUGAIUDMLONJQXFLNU OHPPUYMPKBWABAJHTRYNZPIUOTYUIUJWZSSCJTJHXFRMUPIEXCQUTPBDBHMVMWVMWEOCLO WLXCOLZFXLLYVFRXXOERIGZKGBONNXWEEEOHIRVOZLNUODLOWSEPJXRRNTHYMZESOWSPFX TNMZWPOYACEEPYXRHOVGVRVHVEABOLLMZVYTVXQVJWZXSHYTNHMVJMKUGCRTDCWAOVG PIXJWZWZZVSJYIFOCZGWRJPFXUPOPFMJSOWGSVFRTFMZVBHZGBRDSBOSCWMJYEKKNYMZVFT GIOVRPAYNCZPFGJCYTZDKVZEZXBYXELONBIJKMWOEUNUMOSLOCJDVSHKJUKRZUIHLTJEWGJC VHMUSLVKGKHNMDCASPFMUAEAGSNEOCLCNBJDFPICRQQKBYNPDZJDDSPPRRFPTYBYSLXONPN DGTWFRPLXNQSLMMNEOXFLBRJFJYSJNSZWNUOSTEAQXNTPITSCXARWOCZGUVYFLGSCKCZHMZ DWZKNCXLXYZRNXUIQRDEZXSXEMYLBDHSDLKZHXLPIKVXAYMBYCZUACSEPUVYXSHSWJJJGZ MKEOLHWGFPFXBYXLSLBKJWZLKRHTYPWCEULOWVIEVVQZIWUYICXLYIWARPHLBKJWQLUZHR MTACXLXYRRBQZUBCHXWABVNWQLZRLXFNSJBLQGBYYXJMZUXJVMSPVQZMZZIPKPBQXJPHEV LTJPBFXDPPAJSLLOTZHEPXSHXLYOWFXDSYWLSLOPBZDEPYUKXNXYQPXCBPBYXDZSWTJAVKB HEULCJKJWZKGKKLONWJJNZTSJMWGUXCOCHUMCSRQISCSLOCNCRWQTNJXDGAIUJWJUAYSLOO SUYTZGQKZZZXCLPMJUBAERQHCBVJHKWBKQQGYCEQZOCJQCDCZVDOJLRRDLLOWXEMYSSUBM NMZVRMMLWFXDMGWGFTXMWUVJKMSAJNZXTHJWZUKLXCOMNKDMNTMSKOWSWCRTWYSUV TKMMZLXFNBKKLYHBYOHQWPVJMNMZVQPJXWJQPLYYKESFYABQCVWNKKDQLBYXEDHCQHQ MTTPODQKARSSUKAQXLFMZAKDLPIXRTJOWRNMMMJWJWZCNJNMBPIFONTUXWORLYVVZDLUA ZODGZOKBDMLSJJPSYJPSGZKSJNEPYRCMMWKSCIFHLBRSCKUIUMPKOWONXJYUCVJUEZVXCLUO ZLTUKTDWQTYZKMVTUVZXOLHAVOJGAADHTTEIKMOJVCQYNZCSBXUVMRRDPFXSTRMTYMZZD GPIBJTVXJWHTKIJJNXFNBKJWQLJLOLPYSAJTYLSPKEVMNKDXFUPZDSJYVBFXJPBYOVVBWCRTTP BCVTBPUOOEVMMVWTFXJDIDPUPVXLYMZVDQZLBKMTYAKKDXLUPZZZBONTRRGAQURPAYWQ XLVMWUPCGTIKVTOVCCXQZUVPODTHMKDNDMZZDZKUNUWCKTSJDCMGIZDVGABWECLOWCRC ZYTKBDPUVSOTFKWQEGZXTHJWQLBZWTGGQHJWQGPKPEPUBCRPLPAYEFTXZRLTNHMXEELYICR PLMZVQPLYERIQGSBVNMFMZVSLKPVVELVWUKKLLHXCRTUXWRHRPPQUHTFCSPUXFLNAMPTRN JFCVERAYFUVOVNMKPMRVEPHCXREPPAZDGOMSCSMFCSBXRXHRLXLOYVFSEPUUDHEKYGCRPL TNXREPUDVIMNMWJOSLOWYOPJMJWXRPAMTRHVKVVDXLVGJEOZUIBWMTSNWSTYMZVYTVXQ VNMDHCCRXFRBYSDJYALORLZCPECHKJLOCXHIUKRLTMBWPFGNJGFQKWUWCWARSVTOKSBFXF NZZIRVGWCEZZYKCRTHUMZIWGZXZZTJLSFXXLPIXXEDHCAQPJXWJQPLYEYOLLOWHZMUYZVHT MIJJFMJHUYSPTVCBSLZLAFSEPMZVFMJHUYSPTHMLRPFLSAOJGASFOTJTMBWPFGBYXEDHCRHTV LNOXJKUGRFMJHUYSPTXWPOVVMWRDSVLBZFTFXNRHJOTADHTUKTDWOTYBYXEOCSBELTESCO NTPIXELZHMCMMGZBYOSZUMTRXTXMVDPKPABEUGGVKPJGABYXEQMERIJGASTEOQGYAOATP WUWCKTSJDHQMZXHTVMZDWXTPBHWCWARSVTPUVRQCZUBZNTVHXYSDGKSCECQWSPFMBYM BXLYONBSOHHMCXLXYZVRPYXNBFNVEWUJWZHIVXLYBNJNXXUBVNEPYJCRTJOWAONVDWUMT TSEVVNUKAQXLFOWAOATPWUSLVWSPWTJMJJOXLTSHYTVLGKKDVENCWPDVWPOPYMZVMPDPI QHDUUIJPMJPUKWTGGTDIXFYABXLYOSEODGTWCRXFNBKIPDTMBWPFGCBRTJYVCRTWYSUVTQ GBKXDUUQPFPJSJDHHQMZRYCQWPWVMGKKPXRZXSBOPLZJARXUUIUEUNPUZEFKSGUOAGLNCO SPPATERSYVYXEVGVTXLZHICRTLUTPOQZZJAOWQTRAYFUVQVMXHYVWHMUONBPMJYZVXSLO WLOCKINAXEOHIFRXXOZZIHVSPYXSZGYVDSZKWUONVGUVNRGTKPXRZGBPBPLMZVZMXRWURP LUIUIOQSWUBTKOWBWXTYVSOPYSWBXCZVCCWTFUIUWCWARSVTKTNPOSFHEUELLEJDYTGZXV DSZXSCMWVMNQXVGPIXJMKUGKYDZKDVNOJLRRDLBPBYZPHMNEXEQGYBMTZMIVIDDHCEOWV XSPELOCSPUJGAPJEHGKNFEFTXICWTFMNKDXLGJFMXTSGKKEVRWRVXLMOVNCGIJWIMUYBYSL STMSKOWSWJEEVXMKFLGKSUHMHLSZNOJVCOYNZCSESLOONBHXOOBYXLYPIRNXOGNWSTYVC CFNVWNUWPFGWASEPPIOBMMCNPVDVPVQHDUUIJMWGOSUDMLPUVNEPYBKDTGZBYOCZZCBXN VGVCRTOYACKCZMZRJWVXSTZMUISJSTYPBNKDLUQVOETYVAEABPBYXNQMBPORGSVFXEZKSJN PTARLEUKAYRHOJVCQYNZWJDQWZXIKMYMLBRVTZMQVNCGIARSSUKAQXLFIWAIFVLNEONDCZ RJXKPBZDBMPMVNEPYTVXSTYEYBXLLEYXEQTJSVXOYVCEZZYKRVXLMQVEUQGBYOWGAAVJM HABZDEGMZVYNZLAVNXFZSJJDYUXWBHPYICRTDUNJJHZSQQHQMTTPOCZIQZOSUKAQXLFUABR TGIWJOSVWJADTJWCLYMVKVRDSLHJONMBGSSEELSWRDSOSSBIXLLYZDXTSIKJSZWWZLTDHCQH QQMAXSLYHGKKVQBWCRTXONPNCZGVRPUDTMBWPFGNJGFQKWUYFUVQVPMTSJFSLOCNCRWQ LWHODLOWZDEZKWBJXFNKAERZLAKPOQDNJQPPVQVIDZTBYXEQXJUOPJUAZJXKKWLVXZXBYO LMKAVSRGAQUDEKYWVWDMZXVHQZZJAOODBWABTDYAHEFSGJFIXJGJBXXYTMSKOWSWRFAJH DZDVTEIKBMMWJDVSFHBHEFVKWRRFUUIVMMUUIOHDUUIJRTJYAYODZMVKMLLOWXVPKLNBR PTSBRUTVYSAVJGIKKHEMGNCBMNTWJJXGGNJQXLMJCRTWHSANOJLRRDLPYVAOHQMBKMPJXA

YSODHCWOTTUARWMLOWAWCKTSJDWZLBZHCZXBYOVOGSJNHVMWASXYKNJUJGAMYOPTMZFS EPWZVOCNAQJODKTMBWPFGSJNWZLERVNGCWURPTZJWSEVGVJEHVVJDJQMLNJODKLSZNEPYTV XSTYBRUXFNJDJPTYSCRTJGKKZZZMTKEZLOWTRXTXBYXEBUAYXNNVSLJXEYVKVXAYMCMXKM NBDXFYGVXCGSVCESVETPODKONOSLLYMLEDZXRAIOVGIZDUTURZDVPYMPOULYGVMXLOBYO RGKIVHMNOWAXAJHIRDSFHBFSEPLBRDSQGYREUNYMVNCZCSANMNMWJFMMGVFRXXOERIPNM WAMPJXAZDRJYSBOSLHBFOLLEKKKLYGJCMXLOACXLYPIXJWZTJBJDMIWAVPLPDVXLYPRRBDVE ADFTJGSCHPTYFVHEQHIBELLOWLXCLHXCRXKISASDPLSZNQMTTPOHZOSEOLZBWAYTZGSSVTLH VZIRGBWAMWGPAYSDNUBYOCGKEYXEBUAYSDUHBYOCKLWCJNZTWJJLVTWKHRGGVZJXGGRAI OVGIAXXKYVYOCPUIUIXFUACELQLZQOLLVCCXSYYVRPEZKSQEOZGBBHTNSWTJXGGZKMRGTW BRTLHZRLTVGGJXOZUBRVNLOWJJWZVWRNNZXMVMWQTAVVUMIEZJWOKWRJAJPVVXLYLSZNX OGEVDEZXNCBMMTMSKOWSWZWCKTSJDHZGSOOMMKXKDSTPIXIXFUOLRPWYBZZPTHMUOCLO WPXDLCSBXDKCCSYNZPIRWTYONQJWQLERIPLMEZIEQGSQOSPPRCRTFYFCELZWJQODBPQPYTMG EZDPFXBYOLZDBESNSPIBSWVBWXEEFURVICZUVHWPYYBKJWZYIUEULOWRVAPUTVJPFXSPVEPY ERBEPKJDQWQMSXXXFCZVDHZWJQOEGFEYBJGAMVGFQMWRVXLYMRHJXOSAXRLYMBSCKUNU WCKTSJDHZSQFONTLSZNEPYTVXSTYWESSZGBPBVJUBZPXZXEZJWLOWTEOHSNQOLLIWARPHLNQ XJWYKVHWVIAZWPDVWOHDUUIJRTNPIZIWZXBYOVOGSJNHVMWAXLYUVUOSGSNEOCWYNJOLG CBKEMTXBKHTUUNJRTJYBYOQGUMURPAYVVJTJTNJOSLHZRLTPPRSXRSPICEEPYZKKDZPZRLTXH RVEFLTGBONNMJCXZZONQJWZKWBENZMRVITZONQXEGGUVSNTZWCZWPPRUSCZWBPBDVPVQH DUUIJVTVBNJOEPYMKEONHMCRPLICAFMKYJPSGZKZRLXFNZRNODMZZIEOTWRIOMWZKPEPYJDJ TJWJRJMNXNAJHPPUYOLXKCBJTYONBPPXYSJNWVGVBHTUHDVNPKWJDVSWYATHFWVWUEUNPI KDTBUAYSLOCSBVTYPICEEPYMKEOWEZZIOZGWEENZGBLHMLYUCHTKLRRUTVVJFJMLOWXOLLS WQXLGSNEOCKUNUWCKTSJDMTPDVHOVXWRYMBCZZZWBUAUSGQXWUYTLCWVDEPYTVXSTYJJ JWZWZRSCVGVCRTXHUOOSPUBKDEPYBRYNZCNPVJGAYKXNGGYFSEPTWKVXAYMBXXYTMSKO WSWZDPUUOVIEQWDKSRZHQZLTJCSBXQGABCEDVEBYXEPYEKKNYNJRVMFNEZJWVGGSESDCNC RVJYSCHTVXNJODKCZVDVTUITSLOAKFXCYOWTXFOOBBSVPMJWWCKTSJDHPHZRNVGMTVRXFX BYOQZUVPODXOSZHPFXERIDPUPZDVPYMWSDLUBYSOBPBYXUMKNKKDXHCJJTFUITOWZMJKUEP YZZDEVMJJZTNHMCRTNPACRPYVWVDEGHJWJTFPRLHTKLWUKAGGZZIQGXGJEELHTVNTZIQHSO HKWBITYAKKDWQLMVZMTSWTJXGGEZVNKOWXEHQMZQOXFJCZHTYIJKHMTPDVHLGLZVZPFMM VFNQYVQHQMTTPOQMMAYONTWJQOPFXAVOJGAAKWTLPRVIEPPAFXDFHDVHJOKWRJRGGAKVP LPJJJMLOWTRXTXGKKLOUAYOHVLZKMTAYMYOWVXAVDDZYIKKVPMJQXZZUXVSLLHXWOTTPI XQCZUBAOVJYBRJVGPIXXHVENCMPKGJEOCDXNWPXXAQCWPLMWAPMJMZVYMDMJTXNTMWRH DQGBKRXKYGVIWMGYVHPFXMVZTFMNPVFKUYVXCZNMVXEVLAZIEVGBBSUDHCFXLLMJTHJVG VKVXAYMTHXZXDVHJFUBDHPTSGZDSZYVQHDUUIJQPAYZZWPLOJDIPFXWQYCVWWBXLYCZRJM TPDVHHVGBVNPOKWRJSZUOOECZUKZORZHXSHTVXSJNOMMBVHNZLAYODPHCPNDZYRCEMPAIX HJBOWJRTOHBCEEPYEKHZPHCBOHOMZCRTKSNTOMNVMVXSQGZZIWVGVRDSLOWPSELSWSHMB GUPEEPISASDPWSLELPPAYOPYHQZLTJCSBJWZGQVNPBUGSBOJVCQYNZZMKWEPYEAOEXOWURM UYEYOCZHIVUXFXEKHSGKQKEZPUVJOGZKQZQWLYVCRTOSJKWMNONBSLNUICBTVKARDSDYBY OOMKACSLLHSJXVGGGKPRPPOUSDPNMZOUVLBYORGMBROTOUBVZNGLWUXULYMYSOBKWCZ WZXSBMTJYBYONQMBPORGTKRDXGGAZDOQLWABWZCSBVTVBNJQQZONJNEPYGFOCZMZVELTE XASTFXAYOWVXWEOCSGJFDPFXSBOLKYJWRXKSJJONQGWBIXFMZVQCZUBFSSZCJAVSKUIOSLLH BYORPPQUIWZUMCPMJMZVPXJLBCSOZTMSKOWSWFXNSYVKDHQMZPELOLBASSZLQZJETYJPSGZ KXZHOTEYAXDHPIXRXKNJPNNVWWUZFNZBAEELYVSODQXWYSOQGLDSCQGYRJEPYWJNMNYDV HJIASAJTJHXRWXTYEYOEPYMCRTDCWAOLZUMPBEPYMVJMLOWBOXFMWAHMOUBZELKTMSKO WSWAOEMKIVNGZKGSHXZZSJNDFUKLSDPKWLVXZLXKHEPYBVWAGKSABQTUIUDTKLEYSRPNNJ XLYCSCOCVCSOOLKPIBEOZVJBEOKOSUYJLONBJXUYWEXAGKSCOSVGVYOHVLJJZTVNSZDPWYSU VTGSNEOCPUVJEEWYWJMXLONJJWZCSPVDGZBYOHGKPYEFKYSMKPJMWAEUVGZKKCVGVYXSK WSAZTTEUKWATYBVNEPYVVWMTPBZELGZSBORGGVBVXXYJWYCZUVFRTFTMSKOWSWFRMPUV YXLYYVYSOGBWAJMLOWTXCZHXRDMTXEKWPFKWCKCFYVRDSLYQPSLOONQSEBUARYMVKVJS VPMNJPMJTWURXUMZRJEPYTKXCYOSUIPQXZVMPKMJRFAZUMSOUGKWZJUGKBYMXLOIKJWVBN JQPAYMHZNZUMPBSZZNJOSFHBZELGZEYXEVSNEOQGUMUMPKHQZLTJCSBHPLOWAXDLHCJNTYV GCRXKPICONTPYVDRZUIUMPKGJCGFQMWTOCLUNJMWZMZVHWZHCXRELHQRKVPHMTHJPYZRN LGMNQOEGMZZDZVVJDJEPYRRJEZKZKMTAYMWECUKTDWQTYYRLTPPRRJPHHICRTPYSUMXLOZ ZIRVGWCEHVRWYSOMISJNPFHBYOCGGBYOQVWPCEOVRWYSOTPDVVJVGVSSSYPIXRXUMJWENT HETELYAUCOSPPRZDEGUQRHVZCZZJTBUAYOSJHJQMWZKWVSVPMJAJTFZSCQTFMQVWTFCWAO DQMBZDVJHCJNPLUTPOPLMZVJMHHXCRTLUTPODZUBVNXFUIRHOXOSZHCVMZVHWQNZVHEPUI CRTJYACMPKUKRHEQWCPXCTEXRJVZGBPOOVGEZJWVBWABCGAIUHTYZSTOQGCBKJWZVJRHSK UNUYFUVOVENOBWAYCMLZVNPBUGCMMGKBYHTZMWRHDLOSCMTJYOZDVZKNJOXFONBOJZLS JNDZYNJQLGVJRHSWABCRTLUTPOUGKBDDPLYQHYMBYVCEEPUBFRPLLGKKCFURVYMDLSZNEP

YYVDETYRRDXFMZVRXOOUYXXJHQZLTJCSBPCQNZCOLZXSCJWZLNXREGZAKWPFEYVDETYRVD HPPUYWPYYZZWEJYRSVTVGVCRTWYSUVTOUDVRXUUIKJWZKBRFQZONJNHPPUYWPYYZZWRJEB YODZMEKZPMLWBWPYYZZWPFLEVHXFUDVHJTHERDSPYAZJPLPIXLMQWWFRTJYCLELVNWJJNZT SJSLVCZZJTBUNBJRGUBBXXYOWFXDVZJKVHPPUYMPKUURFXLUOFXJGZMRSDOGYYSDKINASEK UIUFFLMNJQWQTLDSEZUBYSDZUAVYMDLSZNEPYYVDETYRRDXFMZVRXOOUYXXJSNBJTFMJQOJ GAPJEHDHCAOPFHMLRPFPADFAGLWFRPLLBYXEKPMZDBMPMVNAGHMKVXAYMCRTWHGZIPNHJ PSEPHCXREPYERIDVPVCRTOYICVTUUIZDEPYEYSEZCSZIEXHSCRFKOARSSLOWXOLLSWQXLBOJY XSKIJOOLNPMBJJGAPJEHDHCEOVGMIKPPLOWAECUHBYOCVGVCRPLEJDMTJYTAEFOOBDFODMZV FPJPAYNMFMGKKJZLAZHCZIQZOSGSNEOCBYWLSLOVNCJTJSGFRPLUMVBMMWMHSLOZJASLIANA OSLOWXOLLSWQXLQGBYOHPPBVMPQLBTEPLUIUJMWYADHTQMERIGZKGVAEJUJANXFUMHMWV MUKKNYMZVYMDVWTHJOGYWECOOJLOJGAARBJGAMLHPDYMBOGZKGJSVPMARSSVGJCRTJNWJJ NZTSJSLVNMDPUAHNTOPFXKAXJNHMCRTHYJLVTBOJWOTYEJDXLYMSOORVKWKPJGAQZUTVWZ ASDLPSJBTKLNAIEVTRVHTYMZVYMDMZVQTFMQVWPFCZKIAGRWPXDLCSBKLXHIBZXGAAPBCQ NZCSEBHCPNWVBWSOTFBWABNQRWRZWJPACSPFUIUXOVKDVVNGAAPBVGHVTRCQLBZXLLHJZP MTPDVHWVXKAXJZXXKHEPYKVEATYEYEUZXSJNEGHPTXCZHXYSOWABYOWVXICYTXUCBOLGV JUBWVXBRKVPMZZWHZSOHEFPUDVZMUYZVHTLHTVOSMWSCOSVGVCXFOOBRKDZZCPJCVXWB XXYMZVHTYZSTOSOYICVTUUIZDEPYZZQWXOSZHDGEJDVNWYYZDEGINTUMVRCQJMUHMAEHU HMJSLOUBBSIGWQKZZVXVVNEPYADHNDHIVSLLOWFRXLYERSDLWJRJUGKBYORGTTZDPLPJJEU WHBYJWZLWSVTKLNJQDQGBYOMFYAZWATYKAERZLAKPAQWPZDVGUPDWMTPDVHQGCWUVM BVGCRTYPMVZEQHIKPEPYTVXSTYSJNHVLBYOLPAMASTYUERBEGUQRHVZCSANHPYMVELVKJDQ WPUMUYTYOWBEQWYVYSOKYQWJMKSWVFHPUBRDMAYQZVNMLBAXEQHIKPEPYBVDSZKQRMD GZWJQNVGVCRTDSWCJWZISDFTJLYKJMKSWVFAGHMKVXAYMYONQMBPOEPHCXREVLZVVPDLQ VOAOGYZDWVIKHKLXHIBZXGAAJODKHXRVNVKJDDSPPRCRPLMZVYMVKVYXSLOSCLTJEVRBPJK NEOSVMSUORQLNKDHPPUYMMMSVVATJWNBOEPYRKIEUUBVHXVSNJPNMYITOMAYMRVNPPAW KEMKWWECLAIVIQMMBYOJPUVRDSLONBMPKPBCRTUYRSOCKHXCRXKVJRHSBYMVLTJEARQTY YWLFWQSJBEAPPURVOZGSJNHPYICRTDWSQOEGMCADEPYNAXELYICSMFMJCRTBHMORMMLWCR TDZJDDSGABRJMFWWFRPLHMUSLVKGWENSLEKKNYGWEOCPUDVNXKWJEOCZXBYOAGHMLOMH SWPSZZXNCSEBUARHTOAQRHATUUVEUHATPSRZGBVHEVPIQOLLZJAJWZIJKHTJWQRIDZLSCXGZK IFRTJYBYOCZCSBDMLONJQEGISHXAMVQZZQJYSOPPKMVZDLZKBVXPFXADFAZKSPVEPYGVXCJH CJNPWKNTUPFXRKHEVKWPBDOARFRTJYNCMPKUOPFNVESJNLGCJAUMPHARSSLOWSEPJXOKEZO GYEOCDRIKMXFNEVXCZMZVPTTSJFIEGLWCJWQLBKHXOOBBMTTSACEAQMSPVXFGJCSOZLJCRTD YACXQTPAYOSLOWAKNZMZRJPTSKKECHYJLVTKOJDVSPUDVJWZUQCOCFUBZLTNHMCRTDCJDVS XHRLONFHTKNJFHBCRTDHXSOXFNACXCAYVSBPOKSUKPTIMKZTKLNJJWZOJDITGKTHXBMPUOEL ZHCCEUOMEZJWLONBLXZCBYOJXHICHPXMWUMXLOBYOHVMWAMMJRACENVEJJXLMGOZWXLY VBKAHSGKPHVMWAXLYCNCRPXHMJPPXMJAJMKAKLVJHYMZESOWSPVJKTSPVBMUICSEOYAKPM VMRVXNVGVZIDMYVCRCZYRVXNKHXCRXFNMDONVXSHMXLOSJELQHICMXXYSFOTSUIURPTZSA ENTHXBKLYUGBJWZERRNTVNMVXEUUIHEEPYMFSDZUIURFUUIVHTOAQRJXGGAYXGQGYAOUZK WJZTLHBYONVXNVIHPPUYSEOLIKJLZWWBIPJEBKHTHYSCUXFXOHKLYYMCEMSMJUSGGKUVFMG KRRHCQYVLOMHSWZDRGGAVGFZGUVEULOWXHTVMWGFTFLWKPPKANCSLYHUCECKWJQWMFL SJNXFLBVXSGZUKWAZSQZDVVTSJJMKAKLECLONBPPUPQHXDLOWHRPYMZVHTLHXKHTYHIVJM GRZZIUVTNPBPBUGWHMUONQXLYTSUOWQTSSXRPYQKHEPYMVSDFHARBXFNZKMOVGGRFATPU RDEKZJAHTTPWWKLYYMCRTKYQRIELCJYOPYLRZQWLOSEODLUMCOSMINJXNTWQRIDZLJWIMXP WCBXNPBYXSFHBSOTFWJDFNZXEZJWLOWFECSOJDITWABCRTWHSANHZKWPELOOWRNTYTWJXL YOSUFCGBNUOSNHMCRXKXNWPXXAQCBEPYMVVXZZERIXFLWLXCVVQVPCGTBYOHGKPYEFKYS JNEPYYAKTTUIUJWVMXASVPMWJOSHYJLVTNHMCRTNPMBJDQDRKDEPLSWJTJHQZLTJMEZIEBUA AOOGBWUJWZLGBJTUCSBSLNAOPEAZKSCSMFPBFXDJUBYOCZDKVDDOBWRJUOKACSLXHIBOBM YITOMNMZVSLXKWRITOGBYOFFXWAJPSYMBYXTSSJNEPYIVZTKLNCBMNMSOSLOPICRTXSJCRTK HXRVNLOWLXFHYMBMWQWZWVFLMWAOSTHJBONDHICRTQKERIEZXAYHFFRWJPMJTARPEZKSF OTSHMCMMKNMDONWABCRTFARSOCGZEKHZPHCBOXFTSCODOHBCRXFUAFONTUACRTHUCLOC KUIUJWZVJRHSBYMVSLZWACXDOYACRTJHJOSLBONTREPYTKBDBYMVPTYCSBXNVKYVIEGGWY XNTCNCRPXHKLOCVMJJOTFXJDJMNCZZZWLOWQXDLYMUHTKLWUSLVGSLHMFZJAJWZICAFMKY SJNPKLNBJTYVGKDTGKBFEHGTWJVPYSWUJWZNMDONVMRVXNLPRVIMNMZZIUZLBZLTXHRLED OMNKDTVWZSEJPUVKDTHHMASLOYMRDSFHRKHTZDUVFEGGJTZPKPJJIMNNMVXEHATPSRJYOKS RQGYFRTFOWYXSLCJKKLXYARDSVJCRHEZKJWYCZUVSODQXWBJWZVJFVDFYDVHHVGBVNHVLZ ZDVLOWSEJKIJPSDPYVCRTUCNCREPYNAIAGHIBJXTSBYOJKOJJOPOUNJXLYCZVDEPYGYXSHYMW ECUYVCRXKHKVHPLPJJMWQWZJOGZKBKEZAYMHVMFNBYODHHJJIQZPIXDTVKQHXDTUMXOPK MZVYMBSACRTDCJDVSKPBBJPJPIXXELOWTEAHYMFSEPLCTRTVNWAOJZLSBSULOWHZMMSVYXG ZXWEEFJYVCRTAYMHYCQWPBEUBONTRXLCSBZMUIJBOSZTKPEJQGYCRTULWPLTKTWRDHPPQVS

LKAUOSLOMZVSCNPIXOCKTJBJPKLNUKMMLQHMXLOBYOGQYEKPRVMUYSLOAKRDJKMMRBDHS SBRTKHXXHFZSBYXEUPYYJWVBWSOTFWSBJEPYMVELWHGBRPAYYVDTJUQPBTCWWPVTFMSLFT LPBVIMTPDVHEBPACXLYONBZMUISJSMFLADPUZKWUJWZMJAJFJYAKPDTHEBJPJBSCSMFZJAJWJY WOELLOARJNVLBCRTDNJCIMAHMRZXGAARDSBPOUMXLOZDDVZKBYXEGGWSEJBOJFXDLUOPPM JONBXVZUIURPYGBSOTFAAVNEGMZRJDGKBKPEPPIXPMJONBPPLOWARPYRWLJPKTSPVRGHPBRM HONJJTYXSAUNDMJYSDXHRLXLQHIBJWVMCJVTKLZVRPYUIKJWZKTRIXFHXXHFZSKVHSQYRYOH VLSWHPQXZVWXOOBBEOZGNXREPUKLOLLHWRJEPYTKBHPHAPOALGWGJWQTEYEWVIKVDTYMJ SOPBYSOVJDHCCRMNMWJNTJUYVRTPUVRMXTXZDDVJEWHOPFXBYOJOTKPSROMOHYTTPWEOSP PRRZMMGUZVHVLZVVSTHBBMTJYURIEBOJBRMMSVFXNSAKCEEPYRRIEZKSWJTJLCLFTJMZRJTAY IZDVVGVRIZNHMQECZUIUSENYQPJMGSNEOCLCNBJEPYWEOLQGYRHCQBWUJWZVJHIEGHPCRTQ KKPXRZLBYOOVLBVHXFONBZMGRADDXNHMOIEVMNKDTYONOITTZSCJWZWJLFTJONBFPMIWAX DKPACXLLLMRDVZXBYOOKYQEODWYZZDSPPRCRTOKCVVHVLAVHGZXJDJPFXSPELONMRZTBUA BXXYHDVHEPYAYECLWJQWMFLBYOVJAWPNXKUKLOPJYVCRTWHGBMWQLKVHTYYSTRMLOWA XLYCNJUTYUBKVXAYMFRXTYZZILZDBJOXOOTKHDFAVXOSPPRTRXTXSBRTBUAYOHVLVVIAZKS COHQMZYKLOYMRDSJYUOVTKLEZJWUPAVHJPYMKITNKJQJWZMSSVTVGVRNGVGUZDVLHBYOO VLBVHQVLNJXLYLKKELQGZRDSKUNUIMUYEYXEVSSAWTYUBYSDGCICOOZKNCBATYSBODQKNF XLLLJQOOGKWCRTUUACOCBUARPPLOWRVEPERRDQMMZVJFJGWULTJEKRVTPYYRCTYPIBJFHYX ZOSVLBKDXKORVDEGGBYODUUQPHTWYQWECKHRVITXHIUIPFXBYOLXSCJQUGKADFAGKBCEEP YUKFAZKBYOPKLNBJPFMAFOCZISAXNDLWUMXLOEKDSZKBYOQGEAFSEPZWRHHPUBBXXYMZV WPKMWAXETYIXJWOGSWXXFMDKSRZIOVXDZLNAHTHSNVNMTPDVHXBUICIMUYRKHTLOWOXD LYMRSOZXSSVMBUBKVXAYMBRTVXEZJWLOWPXSTYKZDXGGWURXUPIYSDVKRRDSKOMZOZZX SPEFYZJAJWZVWRNNZMZVYMVKVFOCZLNCJXFNNJIMTYRJZMFWQRLTBOWJWCWARSVTJAAYOS OGBKJWZKJKWXFNMVXEZDUZJTUYICXLYUVUHTKLNJOEPYYVDETYRRDXFMZVRXOOUYXXJLSZ NOJSNOYZOGAZYTOEJDHAVKVKDDQKJPSGZKBFSDLOSBXDSYVWECUHMVJWZKWFXDVNWJOCV SACXCLOJAHMJCSBNTHPUCOSGGWEOCDWJDDEZGSJZTNHMQECZLSZNOJSNQYZQGATEOHHAVB MMKAVVUWARSVTVGVRDDBYMQOSQLBZDRLSGUEXMGVVHDLUIUJWVMZVXDSYVWECUHMVX ULYMYOWVXWRJTFMZVIFHIWAXNTHBCOSWEBYOSQYBRHJPYVZNDQKMVFNQYVSKOWSWCRPL VJHMXTSTVRFFNARSSLOWXOLLSWQXLQGBYOHPPBVMPQLBTEPLPPJEHLOSCYMDCNPVQZOCJQL GVJUBRGGBAEGZKBVNEPYKAEAPYBZZVZGBPOOVGAKFXFPJJXLVGNQXEZXVZIRMLAZELLHJOFN VWWKVXAYMFXDGKVVHTYPICEXFLBRDEXHIWSLZTWJJPFXSSSNTCSBDTCMRKHLOGYLXDLYVK DEPYJDJDQXWKPEPYYRJTGZXVHXFNSAOHVKVKPUQBWLEFFXACEPFETKNJBOJFEFTXBRUTGSNE OCLCNBJMNZBYOWVGVBEULOWLXCQLZZDMLOWAMMJXAWSGZIJDDSKUIUENQBWAJHQLBFOCZ HXWOCZXBKXLDTSJECBHRRDHPHERDEZXSJXAHKWJJXXYBKXLDMMRNTWAAZDTKLJAZPTSNJQ XFYDVHHVLRKHTXHIESLXYVKPPFEBYSLOPIOBNOZWBXXYMZVOTFMOVWPFPICRTBONCOHVPA CZMVMSBRTSGJTUTYUBCRTOUBVXLYKWRNEPYTZVNFYFCWMJGNJOXFYDVHHVLRKHTXHIESLX YVKPPFEBYSLOPIQBNQZWCRPFPSQJWVMBYXEWHGFSNTWJQOEGVWYKLOUAZFFJIJBOEGLZKMX FMZVITIAWPMWZMZVHEPYEYSEZCSZIEXHSCOSOYICVTUUIFXDJPYYJMJGJCSDPHCPNAZKZRFDU UMCRTOGBVHTKMJWJWOLIRHCVMNEODMIKKIXFNNCJMHHABODKUIHXEVSOZPXAYICKCZXBKR XFMODIEDYBFRTLOWAJWZSNWOMNHQZLTJMEZIEPUVCRXKBNKVTFMBVHQQGSCSMFHMJE

Onur Aydınoğlu, Alper Girgin, Furkan Artunç, Nadide Merlin Cecliya Dilara Aylin Opel

Vigenere cipher

http://members.aon.at/cipherclerk/CipherClerk.html

Plaintext:

RELATESHOWOLIVERTWISTWASVERYNEARGETTINGAPLACEWHICHWOULDNOTHAVEBEENASINE CUREFORAWEEKAFTERTHECOMMISSIONOFTHEIMPIOUSANDPROFANEOFFENCEOFASKINGFORMO REOLIVERREMAINEDACLOSEPRISONERINTHEDARKANDSOLITARYROOMTOWHICHHEHADBEENCO NSIGNEDBYTHEWISDOMANDMERCYOFTHEBOARDITAPPEARSATFIRSTSIGHTNOTUNREASONABLE TOSUPPOSETHATIFHEHADENTERTAINEDABECOMINGFEELINGOFRESPECTFORTHEPREDICTIONOFT HEGENTLEMANINTHEWHITEWAISTCOATHEWOULDHAVEESTABLISHEDTHATSAGEINDIVIDUALSPR OPHETICCHARACTERONCEANDFOREVERBYTYINGONEENDOFHISPOCKETHANDKERCHIEFTOAHOO KINTHEWALLANDATTACHINGHIMSELFTOTHEOTHERTOTHEPERFORMANCEOFTHISFEATHOWEVER THEREWASONEOBSTACLENAMELYTHATPOCKETHANDKERCHIEFSBEINGDECIDEDARTICLESOFLU XURYHADBEENFORALLFUTURETIMESANDAGESREMOVEDFROMTHENOSESOFPAUPERSBYTHEEXP RESSORDEROFTHEBOARDINCOUNCILASSEMBLEDSOLEMNLYGIVENANDPRONOUNCEDUNDERTHEI RHANDSANDSEALSTHEREWASASTILLGREATEROBSTACLEINOLIVERSYOUTHANDCHILDISHNESSH EONLYCRIEDBITTERLYALLDAYANDWHENTHELONGDISMALNIGHTCAMEONSPREADHISLITTLEHA NDSBEFOREHISEYESTOSHUTOUTTHEDARKNESSANDCROUCHINGINTHECORNERTRIEDTOSLEEPEV ERANDANONWAKINGWITHASTARTANDTREMBLEANDDRAWINGHIMSELFCLOSERANDCLOSERTOT HEWALLASIFTOFEELEVENITSCOLDHARDSURFACEWEREAPROTECTIONINTHEGLOOMANDLONELI NESSWHICHSURROUNDEDHIMLETITNOTBESUPPOSEDBYTHEENEMIESOFTHESYSTEMTHATDURING THEPERIODOFHISSOLITARYINCARCERATIONOLIVERWASDENIEDTHEBENEFITOFEXERCISETHEPLE ASUREOFSOCIETYORTHEADVANTAGESOFRELIGIOUSCONSOLATIONASFOREXERCISEITWASNICEC OLDWEATHERANDHEWASALLOWEDTOPERFORMHISABLUTIONSEVERYMORNINGUNDERTHEPUMP INASTONEYARDINTHEPRESENCEOFMRBUMBLEWHOPREVENTEDHISCATCHINGCOLDANDCAUSED ATINGLINGSENSATIONTOPERVADEHISFRAMEBYREPEATEDAPPLICATIONSOFTHECANEASFORSOCI ETYHEWASCARRIEDEVERYOTHERDAYINTOTHEHALLWHERETHEBOYSDINEDANDTHERESOCIABL YFLOGGEDASAPUBLICWARNINGANDEXAMPLEANDSOFORFROMBEINGDENIEDTHEADVANTAGESO FRELIGIOUSCONSOLATIONHEWASKICKEDINTOTHESAMEAPARTMENTEVERYEVENINGATPRAYERT IMEANDTHEREPERMITTEDTOLISTENTOANDCONSOLEHISMINDWITHAGENERALSUPPLICATIONOFT HEBOYSCONTAININGASPECIALCLAUSETHEREININSERTEDBYAUTHORITYOFTHEBOARDINWHICHT HEYENTREATEDTOBEMADEGOODVIRTUOUSCONTENTEDANDOBEDIENTANDTOBEGUARDEDFROM THESINSANDVICESOFOLIVERTWISTWHOMTHESUPPLICATIONDISTINCTLYSETFORTHTOBEUNDERT HEEXCLUSIVEPATRONAGEANDPROTECTIONOFTHEPOWERSOFWICKEDNESSANDANARTICLEDIREC TFROMTHEMANUFACTORYOFTHEVERYDEVILHIMSELFITCHANCEDONEMORNINGWHILEOLIVERSA FFAIRSWEREINTHISAUSPICIOUSANDCOMFORTABLESTATETHATMRGAMFIELDCHIMNEYSWEEPWE NTHISWAYDOWNTHEHIGHSTREETDEEPLYCOGITATINGINHISMINDHISWAYSANDMEANSOFPAYING CERTAINARREARSOFRENTFORWHICHHISLANDLORDHADBECOMERATHERPRESSINGMRGAMFIELD SMOSTSANGUINEESTIMATEOFHISFINANCESCOULDNOTRAISETHEMWITHINFULLFIVEPOUNDSOFT HEDESIREDAMOUNTANDINASPECIESOFARITHMETICALDESPERATIONHEWASALTERNATELYCUDG ELLINGHISBRAINSANDHISDONKEYWHENPASSINGTHEWORKHOUSEHISEYESENCOUNTEREDTHEBI LLONTHEGATEWOOSAIDMRGAMFIELDTOTHEDONKEYTHEDONKEYWASINASTATEOFPROFOUNDA BSTRACTIONWONDERINGPROBABLYWHETHERHEWASDESTINEDTOBEREGALEDWITHACABBAGES TALKORTWOWHENHEHADDISPOSEDOFTHETWOSACKSOFSOOTWITHWHICHTHELITTLECARTWASL ADENSOWITHOUTNOTICINGTHEWORDOFCOMMANDHEJOGGEDONWARDMRGAMFIELDGROWLED AFIERCEIMPRECATIONONTHEDONKEYGENERALLYBUTMOREPARTICULARLYONHISEYESANDRUN NINGAFTERHIMBESTOWEDABLOWONHISHEADWHICHWOULDINEVITABLYHAVEBEATENINANYSK ULLBUTADONKEYSTHENCATCHINGHOLDOFTHEBRIDLEHEGAVEHISJAWASHARPWRENCHBYWAY OFGENTLEREMINDERTHATHEWASNOTHISOWNMASTERANDBYTHESEMEANSTURNEDHIMROUNDH ETHENGAVEHIMANOTHERBLOWONTHEHEADJUSTTOSTUNHIMTILLHECAMEBACKAGAINHAVINGC OMPLETEDTHESEARRANGEMENTSHEWALKEDUPTOTHEGATETOREADTHEBILLTHEGENTLEMANWI

THTHEWHITEWAISTCOATWASSTANDINGATTHEGATEWITHHISHANDSBEHINDHIMAFTERHAVINGD ELIVEREDHIMSELFOFSOMEPROFOUNDSENTIMENTSINTHEBOARDROOMHAVINGWITNESSEDTHELI TTLEDISPUTEBETWEENMRGAMFIELDANDTHEDONKEYHESMILEDJOYOUSLYWHENTHATPERSONC AMEUPTOREADTHEBILLFORHESAWATONCETHATMRGAMFIELDWASEXACTLYTHESORTOFMASTE ROLIVERTWISTWANTEDMRGAMFIELDSMILEDTOOASHEPERUSEDTHEDOCUMENTFORFIVEPOUNDS WASJUSTTHESUMHEHADBEENWISHINGFORANDASTOTHEBOYWITHWHICHITWASENCUMBEREDM RGAMFIELDKNOWINGWHATTHEDIETARYOFTHEWORKHOUSEWASWELLKNEWHEWOULDBEANICE SMALLPATTERNJUSTTHEVERYTHINGFORREGISTERSTOVESSOHESPELTTHEBILLTHROUGHAGAINF ROMBEGINNINGTOENDANDTHENTOUCHINGHISFURCAPINTOKENOFHUMILITYACCOSTEDTHEGEN TLEMANINTHEWHITEWAISTCOATTHISHEREBOYSIRWOTTHEPARISHWANTSTOPRENTISSAIDMRGA MFIELDAYMYMANSAIDTHEGENTLEMANINTHEWHITEWAISTCOATWITHACONDESCENDINGSMILE WHATOFHIMIFTHEPARISHVOULDLIKEHIMTOLEARNARIGHTPLEASANTTRADEINAGOODSPECTABL ECHIMBLEYSWEEPINBISNESSSAIDMRGAMFIELDIWANTSAPRENTISANDIAMREADYTOTAKEHIMWA LKINSAIDTHEGENTLEMANINTHEWHITEWAISTCOATMRGAMFIELDHAVINGLINGEREDBEHINDTOGI VETHEDONKEYANOTHERBLOWONTHEHEADANDANOTHERWRENCHOFTHEJAWASACAUTIONNOTT ORUNAWAYINHISABSENCEFOLLOWEDTHEGENTLEMANWITHTHEWHITEWAISTCOATINTOTHEROO MWHEREOLIVERHADFIRSTSEENHIMITSANASTYTRADESAIDMRLIMBKINSWHENGAMFIELDHADAG AINSTATEDHISWISHYOUNGBOYSHAVEBEENSMOTHEREDINCHIMNEYSBEFORENOWSAIDANOTHER GENTLEMANTHATSACAUSETHEYDAMPEDTHESTRAWAFORETHEYLITITINTHECHIMBLEYTOMAKE EMCOMEDOWNAGAINSAIDGAMFIELDTHATSALLSMOKEANDNOBLAZEVEREASSMOKEAINTONOUS EATALLINMAKINGABOYCOMEDOWNFORITONLYSINDSHIMTOSLEEPANDTHATSWOTHELIKESBOYS ISWERYOBSTINITANDWERYLAZYGENLMENANDTHERESNOTHINKLIKEAGOODHOTBLAZETOMAKE **EMCOMEDOWNVITHARUNITSHUMANETOOGENLMENACAUSEEVENIFTHEYVESTUCKINTHECHIMB** LEYROASTINGTHEIRFEETMAKESEMSTRUGGLETOHEXTRICATETHEIRSELVESTHEGENTLEMANINT HEWHITEWAISTCOATAPPEAREDVERYMUCHAMUSEDBYTHISEXPLANATIONBUTHISMIRTHWASSPE EDILYCHECKEDBYALOOKFROMMRLIMBKINSTHEBOARDTHENPROCEEDEDTOCONVERSEAMONGT HEMSELVESFORAFEWMINUTESBUTINSOLOWATONETHATTHEWORDSSAVINGOFEXPENDITURELO OKEDWELLINTHEACCOUNTSHAVEAPRINTEDREPORTPUBLISHEDWEREALONEAUDIBLETHESEONL YCHANCEDTOBEHEARDINDEEDORACCOUNTOFTHEIRBEINGVERYFREQUENTLYREPEATEDWITHGR EATEMPHASISATLENGTHTHEWHISPERINGCEASEDANDTHEMEMBERSOFTHEBOARDHAVINGRESU MEDTHEIRSEATSANDTHEIRSOLEMNITYMRLIMBKINSSAIDWEHAVECONSIDEREDYOURPROPOSITIO NANDWEDONTAPPROVEOFITNOTATALLSAIDTHEGENTLEMANINTHEWHITEWAISTCOATDECIDEDL YNOTADDEDTHEOTHERMEMBERSASMRGAMFIELDDIDHAPPENTOLABOURUNDERTHESLIGHTIMPU TATIONOFHAVINGBRUISEDTHREEORFOURBOYSTODEATHALREADYITOCCURREDTOHIMTHATTHE BOARDHADPERHAPSINSOMEUNACCOUNTABLEFREAKTAKENITINTOTHEIRHEADSTHATTHISEXTR ANEOUSCIRCUMSTANCEOUGHTTOINFLUENCETHEIRPROCEEDINGSITWASVERYUNLIKETHEIRGEN ERALMODEOFDOINGBUSINESSIFTHEYHADBUTSTILLASHEHADNOPARTICULARWISHTOREVIVETHE RUMOURHETWISTEDHISCAPINHISHANDSANDWALKEDSLOWLYFROMTHETABLESOYOUWONTLET MEHAVEHIMGENLMENSAIDMRGAMFIELDPAUSINGNEARTHEDOORNOREPLIEDMRLIMBKINSATLEA STASITSANASTYBUSINESSWETHINKYOUOUGHTTOTAKESOMETHINGLESSTHANTHEPREMIUMWEO FFEREDMRGAMFIELDSCOUNTENANCEBRIGHTENEDASWITHAQUICKSTEPHERETURNEDTOTHETAB LEANDSAIDWHATLLYOUGIVEGENLMENCOMEDONTBETOOHARDONAPOORMANWHATLLYOUGIVE ISHOULDSAYTHREEPOUNDTENWASPLENTYSAIDMRLIMBKINSTENSHILLINGSTOOMUCHSAIDTHEG ENTLEMANINTHEWHITEWAISTCOATCOMESAIDGAMFIELDSAYFOURPOUNDGENLMENSAYFOURPO UNDANDYOUVEGOTRIDOFHIMFORGOODANDALLTHERETHREEPOUNDTENREPEATEDMRLIMBKINS FIRMLYCOMEILLSPLITTHEDIFFERENCEGENLMENURGEDGAMFIELDTHREEPOUNDFIFTEENNOTAFA RTHINGMOREWASTHEFIRMREPLYOFMRLIMBKINSYOUREDESPERATEHARDUPONMEGENLMENSAI DGAMFIELDWAVERINGPOOHPOOHNONSENSESAIDTHEGENTLEMANINTHEWHITEWAISTCOATHED BECHEAPWITHNOTHINGATALLASAPREMIUMTAKEHIMYOUSILLYFELLOWHESJUSTTHEBOYFORYO UHEWANTSTHESTICKNOWANDTHENITLLDOHIMGOODANDHISBOARDNEEDNTCOMEVERYEXPENSI VEFORHEHASNTBEENOVERFEDSINCEHEWASBORNHAHAHAMRGAMFIELDGAVEANARCHLOOKATT HEFACESROUNDTHETABLEANDOBSERVINGASMILEONALLOFTHEMGRADUALLYBROKEINTOASMI LEHIMSELFTHEBARGAINWASMADEMRBUMBLEWASATONCEINSTRUCTEDTHATOLIVERTWISTAND HISINDENTURESWERETOBECONVEYEDBEFORETHEMAGISTRATEFORSIGNATUREANDAPPROVALT HATVERYAFTERNOONINPURSUANCEOFTHISDETERMINATIONLITTLEOLIVERTOHISEXCESSIVEAST ONISHMENTWASRELEASEDFROMBONDAGEANDORDEREDTOPUTHIMSELFINTOACLEANSHIRTHEH ADHARDLYACHIEVEDTHISVERYUNUSUALGYMNASTICPERFORMANCEWHENMRBUMBLEBROUGH THIMWITHHISOWNHANDSABASINOFGRUELANDTHEHOLIDAYALLOWANCEOFTWOOUNCESANDAQ

UARTEROFBREADATTHISTREMENDOUSSIGHTOLIVERBEGANTOCRYVERYPITEOUSLYTHINKINGNO TUNNATURALLYTHATTHEBOARDMUSTHAVEDETERMINEDTOKILLHIMFORSOMEUSEFULPURPOSE ORTHEYNEVERWOULDHAVEBEGUNTOFATTENHIMUPINTHATWAYDONTMAKEYOUREYESREDOLI VERBUTEATYOURFOODANDBETHANKFULSAIDMRBUMBLEINATONEOFIMPRESSIVEPOMPOSITYYO UREAGOINGTOBEMADEAPRENTICEOFOLIVERAPRENTICESIRSAIDTHECHILDTREMBLINGYESOLIVE RSAIDMRBUMBLETHEKINDANDBLESSEDGENTLEMANWHICHISSOMANYPARENTSTOYOUOLIVERW HENYOUHAVENONEOFYOUROWNAREAGOINGTOPRENTICEYOUANDTOSETYOUUPINLIFEANDMAK EAMANOFYOUALTHOUGHTHEEXPENSETOTHEPARISHISTHREEPOUNDTENTHREEPOUNDTENOLIVE RSEVENTYSHILLINSONEHUNDREDANDFORTYSIXPENCESANDALLFORANAUGHTYORPHANWHICH NOBODYCANTLOVEASMRBUMBLEPAUSEDTOTAKEBREATHAFTERDELIVERINGTHISADDRESSINAN AWFULVOICETHETEARSROLLEDDOWNTHEPOORCHILDSFACEANDHESOBBEDBITTERLYCOMESAID MRBUMBLESOMEWHATLESSPOMPOUSLYFORITWASGRATIFYINGTOHISFEELINGSTOOBSERVETHEE FFECTHISELOQUENCEHADPRODUCEDCOMEOLIVERWIPEYOUREYESWITHTHECUFFSOFYOURJACK ETANDDONTCRYINTOYOURGRUELTHATSAVERYFOOLISHACTIONOLIVERITCERTAINLYWASFORTH EREWASQUITEENOUGHWATERINITALREADYONTHEIRWAYTOTHEMAGISTRATEMRBUMBLEINSTR UCTEDOLIVERTHATALLHEWOULDHAVETODOWOULDBETOLOOKVERYHAPPYANDSAYWHENTHEG ENTLEMANASKEDHIMIFHEWANTEDTOBEAPPRENTICEDTHATHESHOULDLIKEITVERYMUCHINDEE DBOTHOFWHICHINJUNCTIONSOLIVERPROMISEDTOOBEYTHERATHERASMRBUMBLETHREWINAGE NTLEHINTTHATIFHEFAILEDINEITHERPARTICULARTHEREWASNOTELLINGWHATWOULDBEDONET OHIMWHENTHEYARRIVEDATTHEOFFICEHEWASSHUTUPINALITTLEROOMBYHIMSELFANDADMONI SHEDBYMRBUMBLETOSTAYTHEREUNTILHECAMEBACKTOFETCHHIMTHERETHEBOYREMAINEDWI THAPALPITATINGHEARTFORHALFANHOURATTHEEXPIRATIONOFWHICHTIMEMRBUMBLETHRUSTI NHISHEADUNADORNEDWITHTHECOCKEDHATANDSAIDALOUDNOWOLIVERMYDEARCOMETOTHE GENTLEMANASMRBUMBLESAIDTHISHEPUTONAGRIMANDTHREATENINGLOOKANDADDEDINALO WVOICEMINDWHATITOLDYOUYOUYOUNGRASCALOLIVERSTAREDINNOCENTLYINMRBUMBLESFA CEATTHISSOMEWHATCONTRADICTORYSTYLEOFADDRESSBUTTHATGENTLEMANPREVENTEDHISO FFERINGANYREMARKTHEREUPONBYLEADINGHIMATONCEINTOANADJOININGROOMTHEDOOROF WHICHWASOPENITWASALARGEROOMWITHAGREATWINDOWBEHINDADESKSATTWOOLDGENTLE MANWITHPOWDEREDHEADSONEOFWHOMWASREADINGTHENEWSPAPERWHILETHEOTHERWASPE RUSINGWITHTHEAIDOFAPAIROFTORTOISESHELLSPECTACLESASMALLPIECEOFPARCHMENTWHIC HLAYBEFOREHIMMRLIMBKINSWASSTANDINGINFRONTOFTHEDESKONONESIDEANDMRGAMFIELD WITHAPARTIALLYWASHEDFACEONTHEOTHERWHILETWOORTHREEBLUFFLOOKINGMENINTOPBO OTSWERELOUNGINGABOUTTHEOLDGENTLEMANWITHTHESPECTACLESGRADUALLYDOZEDOFFO VERTHELITTLEBITOFPARCHMENTANDTHEREWASASHORTPAUSEAFTEROLIVERHADBEENSTATION EDBYMRBUMBLEINFRONTOFTHEDESKTHISISTHEBOYYOURWORSHIPSAIDMRBUMBLETHEOLDGEN TLEMANWHOWASREADINGTHENEWSPAPERRAISEDHISHEADFORAMOMENTANDPULLEDTHEOTHE ROLDGENTLEMANBYTHESLEEVEWHEREUPONTHELASTMENTIONEDOLDGENTLEMANWOKEUPOHI STHISTHEBOYSAIDTHEOLDGENTLEMANTHISISHIMSIRREPLIEDMRBUMBLEBOWTOTHEMAGISTRA TEMYDEAROLIVERROUSEDHIMSELFANDMADEHISBESTOBEISANCEHEHADBEENWONDERINGWITH HISEYESFIXEDONTHEMAGISTRATESPOWDERWHETHERALLBOARDSWEREBORNWITHTHATWHITES TUFFONTHEIRHEADSANDWEREBOARDSFROMTHENCEFORTHONTHATACCOUNTWELLSAIDTHEOL DGENTLEMANISUPPOSEHESFONDOFCHIMNEYSWEEPINGHEDOATSONITYOURWORSHIPREPLIEDBU MBLEGIVINGOLIVERASLYPINCHTOINTIMATETHATHEHADBETTERNOTSAYHEDIDNTANDHEWILLB EASWEEPWILLHEINQUIREDTHEOLDGENTLEMANIFWEWASTOBINDHIMTOANYOTHERTRADETOMO RROWHEDRUNAWAYSIMULTANEOUSYOURWORSHIPREPLIEDBUMBLEANDTHISMANTHATSTOBEH ISMASTERYOUSIRYOULLTREATHIMWELLANDFEEDHIMANDDOALLTHATSORTOFTHINGWILLYOUS AIDTHEOLDGENTLEMANWHENISAYSIWILLIMEANSIWILLREPLIEDMRGAMFIELDDOGGEDLYYOURE AROUGHSPEAKERMYFRIENDBUTYOULOOKANHONESTOPENHEARTEDMANSAIDTHEOLDGENTLEM ANTURNINGHISSPECTACLESINTHEDIRECTIONOFTHECANDIDATEFOROLIVERSPREMIUMWHOSEVIL LAINOUSCOUNTENANCEWASAREGULARSTAMPEDRECEIPTFORCRUELTYBUTTHEMAGISTRATEWA SHALFBLINDANDHALFCHILDISHSOHECOULDNTREASONABLYBEEXPECTEDTODISCERNWHATOTH ERPEOPLEDIDIHOPEIAMSIRSAIDMRGAMFIELDWITHANUGLYLEERIHAVENODOUBTYOUAREMYFRI ENDREPLIEDTHEOLDGENTLEMANFIXINGHISSPECTACLESMOREFIRMLYONHISNOSEANDLOOKING ABOUTHIMFORTHEINKSTANDITWASTHECRITICALMOMENTOFOLIVERSFATEIFTHEINKSTANDHAD BEENWHERETHEOLDGENTLEMANTHOUGHTITWASHEWOULDHAVEDIPPEDHISPENINTOITANDSIGN EDTHEINDENTURESANDOLIVERWOULDHAVEBEENSTRAIGHTWAYHURRIEDOFFBUTASITCHANCED TOBEIMMEDIATELYUNDERHISNOSEITFOLLOWEDASAMATTEROFCOURSETHATHELOOKEDALLOVE RHISDESKFORITWITHOUTFINDINGITANDHAPPENINGINTHECOURSEOFHISSEARCHTOLOOKSTRAIG

HTBEFOREHIMHISGAZEENCOUNTEREDTHEPALEANDTERRIFIEDFACEOFOLIVERTWISTWHODESPIT EALLTHEADMONITORYLOOKSANDPINCHESOFBUMBLEWASREGARDINGTHEREPULSIVECOUNTEN ANCEOFHISFUTUREMASTERWITHAMINGLEDEXPRESSIONOFHORRORANDFEARTOOPALPABLETOB EMISTAKENEVENBYAHALFBLINDMAGISTRATETHEOLDGENTLEMANSTOPPEDLAIDDOWNHISPENA NDLOOKEDFROMOLIVERTOMRLIMBKINSWHOATTEMPTEDTOTAKESNUFFWITHACHEERFULANDU NCONCERNEDASPECTMYBOYSAIDTHEOLDGENTLEMANYOULOOKPALEANDALARMEDWHATISTHE MATTERSTANDALITTLEAWAYFROMHIMBEADLESAIDTHEOTHERMAGISTRATELAYINGASIDETHEP APERANDLEANINGFORWARDWITHANEXPRESSIONOFINTERESTNOWBOYTELLUSWHATSTHEMATT ERDONTBEAFRAIDOLIVERFELLONHISKNEESANDCLASPINGHISHANDSTOGETHERPRAYEDTHATTH EYWOULDORDERHIMBACKTOTHEDARKROOMTHATTHEYWOULDSTARVEHIMBEATHIMKILLHIMIF THEYPLEASEDRATHERTHANSENDHIMAWAYWITHTHATDREADFULMANWELLSAIDMRBUMBLERAI SINGHISHANDSANDEYESWITHMOSTIMPRESSIVESOLEMNITYWELLOFALLTHEARTFULANDDESIGNI NGORPHANSTHATEVERISEEOLIVERYOUAREONEOFTHEMOSTBAREFACEDESTHOLDYOURTONGUE BEADLESAIDTHESECONDOLDGENTLEMANWHENMRBUMBLEHADGIVENVENTTOTHISCOMPOUNDA DJECTIVEIBEGYOURWORSHIPSPARDONSAIDMRBUMBLEINCREDULOUSOFHAVINGHEARDARIGHT DIDYOURWORSHIPSPEAKTOMEYESHOLDYOURTONGUEMRBUMBLEWASSTUPEFIEDWITHASTONIS HMENTABEADLEORDEREDTOHOLDHISTONGUEAMORALREVOLUTIONTHEOLDGENTLEMANINTHE TORTOISESHELLSPECTACLESLOOKEDATHISCOMPANIONHENODDEDSIGNIFICANTLYWEREFUSETO SANCTIONTHESEINDENTURESSAIDTHEOLDGENTLEMANTOSSINGASIDETHEPIECEOFPARCHMENTA SHESPOKEIHOPESTAMMEREDMRLIMBKINSIHOPETHEMAGISTRATESWILLNOTFORMTHEOPINIONT HATTHEAUTHORITIESHAVEBEENGUILTYOFANYIMPROPERCONDUCTONTHEUNSUPPORTEDTESTIM ONYOFACHILDTHEMAGISTRATESARENOTCALLEDUPONTOPRONOUNCEANYOPINIONONTHEMATT ERSAIDTHESECONDOLDGENTLEMANSHARPLYTAKETHEBOYBACKTOTHEWORKHOUSEANDTREAT HIMKINDLYHESEEMSTOWANTITTHATSAMEEVENINGTHEGENTLEMANINTHEWHITEWAISTCOATM OSTPOSITIVELYANDDECIDEDLYAFFIRMEDNOTONLYTHATOLIVERWOULDBEHUNGBUTTHATHEW OULDBEDRAWNANDQUARTEREDINTOTHEBARGAINMRBUMBLESHOOKHISHEADWITHGLOOMYMY STERYANDSAIDHEWISHEDHEMIGHTCOMETOGOODWHEREUNTOMRGAMFIELDREPLIEDTHATHEWI SHEDHEMIGHTCOMETOHIMWHICHALTHOUGHHEAGREEDWITHTHEBEADLEINMOSTMATTERSWOU LDSEEMTOBEAWISHOFATOTALLYOPPOSITEDESCRIPTIONTHENEXTMORNINGTHEPUBLICWEREON CEINFORMEDTHATOLIVERTWISTWASAGAINTOLETANDTHATFIVEPOUNDSWOULDBEPAIDTOANYB **ODYWHOWOULDTAKEPOSSESSIONOFHIM**

Ciphertext:

FPTVXVGSWRSCWGMMXNWDBREJJPZTRVOCOZXKWYOVTCONMRLZOSEJYCRYWOLRJPJZIEODOII TICMASIOHMZORTEMMXYSNWHQZGDQJRFTEPZMDDTWPWRBOXMSWOYMJJWSYKZSWODSDRXT ZZHSISZTDZVFCMHEZBPLVGCCDMKVZGZVZVZBEPZHRFVIIHJCWQOEIMCWJQKCHPDGYVPPVHSS PVXSEGTOIIUPJBCINWDLJQRBOUZVTMZNOLVPZIMHZHLXKIRFDIOJZFDBNMXVEVJXLBCMVWFBL JGIKCDCKTFGPBCEKWQPZLRRPV0IIHLQIIU0MMXSDWY0AIVZTVBSWFPAKITHQWMXYSAZZHZQE QJRFTEPZKVBETZQRBTVOLVKSQOINOTAOGFOEPZAFIWLCEMSPAOESZTACIUHSIOWRUPQIHZJTLP ECGAZJTYSEQXGYOCIXXVFZVXIRBONJVVJPZWCKMTVBSESPVYSWVTAKSTYPBCEERVMMGYWPN OSRVZWFMEHSMRECZLVYEKHLKCMEUSOHWVZOBJXYSZBCIIHZBCIGSCNJVDOYKZSWHSONJVOE PJAVJPZOLVFPEVWFBPWWWKONTZRRAPTTXYOEXJGBSEPVRUYPZXLZSOAWIZBRLZGZRPLVVKW NTZWFTWCSYIMSIYFVSYNJVRZWNPXLFPBDQVGLVYEXSDZZQFJPLAVFAEPZRFGPAJJGOFXZVJPJB CIVLAZZWJCCLZVFTEPZFFOCLDRTCFVXMCODAZQSZPLNSCSXVGCXWGMIEERAZJRFIYKZHLBOM MXYSTZCEERDIIHJSLTNXYSCMREJODBDPCUCMVXVFZJNXRQWMDRFZTDZVJMZCOLRBOKCMCRT ACRVGDPZSEZJKMMVRMOOXVFWGVPCRLGVRUKSMIXYSWWIKUWDUVPEWRPOGRAPWIWGFPIYL ZGWQOXCSSIIHJPPNJVVVTAZCVGEWNLLHZCOXYSOIMOESDAVRUQCWPGYWYODRKVPKJVESCB MMVREWNPVSAMOIIOYLVRFBHIFMEUHOOLRGEIMXRBOBMIDPWMVRURCIRMEUSOHWVZOKGSJS CIIHTZZAZVKCEPZARZWINMWHZNZICSGMIMKGNWGHYOCLNYITLKZAVFPIKVFHPKOMFBTVOLV UWWJORBOTJRVZTVZWJKSOXLJICZJYERPLCMDZPBDXECEJZWLDAWNIUPJBCIVBPUDIJCOBCIJMD BZQKVLBYYIWYOOLVDPZDSUCQPDWJCWQOEIMTVXEIQPZVXZCYWGMMSCEVWUSYQZHKVPJZR VTTBJJVLPZXMJSEPZTCSLAPVVCQAJGZSEGJVKVPIYZRBEIBIJCQZZPZUTWPWTCYAJPRHTWIEJTZZ ZBVFNONIZHHINRZOPKJPUKPIOLVFLVYLVKLAVPCCHMYXFDPZASIASONESZFBDSEGPDZVPAZZIM EUFVYIIHSMKYDDTVVWKCYMTEIRTVOLVDCMNIEQPWAQIPFUWPVKSWKVVJPVOIUVTAXEKQSQI KTCWLVRUQLCNIUOEQIKCWYONIEGLBDSEHZXZVMOOMCMJTCIHISMCMKIRHPLVTGZTKVXZCYA JJKVPKVRVODNJVJCNOZXPVPEVWTOCZDIUSGMMCFHSMMHRMTVOSKVPPVPCKSMMIKVPJJCJRTV ZHRBOBCIISDWXMRPWGAPFURMYEJOACWPZOHIMRZBRIIHVLLUKPVOYLNSWCCNMSDPPOIKUSY

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BCMJWDBCISCJGJYIKZZNLZDDIDHDFMCHFCSEPZSCRRMIXCSXIIAYCHINVVOOOIKKVPVZAJDLXZ VIOTAZHYWDPZEUTZZVQFAPVOEERACGPVREPZSKVPZJPUUPVOPVALVWCKVPAGIVJPECIISFXJRK VPTVWKAPVOMFBPLJPUUPVOPVALVRSBSFXJLZGEPDWKVPJJCJOTLOLVCWLBIEHWMHEEHSQNMJ VTUNMIFPXGMVRXZWYDPWMWSNHZBCIDORONXIOEMHCUSLZJPZJPZMSLGPLCMDGPTAEERXIYI YWDJZWKCMMDWRBNMCIYOOJZIEKZVYIIWYORMKVSQNIPSDNDBVRZVOLVALODWKFLBZWGCH LZVNVPBCIIOWTWSRFOARIISMWMRNWEPOLRHHPDXVGECAJFBEPZMIVPIYWRBOEZVVPZIMHJTC WHXYSYKZJFFEPJRKVLBVGTCFVOAVZWAVMUHSMJPUUPVOPVALVDWLDAWNIYSDNJRUCQKCM DBPGNAVSAOIKYSOWVXJCYOOCFICEJVJVTXMIGZTMYFLAMTZKZJTVBSCWGMMEJZJXDRTVEWD RKWXIOIKVLBCIYOOJZXKSCVJXJOJPZHZRYBVRUVPEDPCPPINAVSAEDPCVPOIULWCMYXYSZTYK VBETZQRBTNRINODBJFZBOPDQKCLVTSKVPZOVRRPBJQFFCWRLVRCCIENOJADQLZEIIIFIDGJYIKZZ NLZDCMKPZSOJPOSZPIIHKVTAHEEHSIOWKCMMCMJALAOIIMZCNMIMZCGPKFPIOLZAHMGPRBON ZIUVTUVRURZIGPKVLBNSIHZNOLZBREDPCMZCNEZREPZSCRRMIXCSXIIAYSYQNEPGTEDPCWXMV RJWHQGPISATDIUACOVQWWPTYHFURMYPPMZCMIRFZCBLJDPIFIIAJNMMVBOJPXPCFTJSBOYPJRV GEWKIEVPIMXVRXIIWRWOBCIFZOOZRKZPUVRKICVDRXVTANTVQEIXPVGTVOLVRTZZGKWZVJJK VPKVRUWOIOIWCCWGMMSCAKVVATCHAYCDMQMCZLQISLGNWPRKSYIIGVKLAVVVUFTVVJHLU KIUFPKZMGHQWMGIIPTOCSIEBCIDORQNXIOEMREJVLTAFCWYLVRUVLTAGYWWLDWYGZPZGFIW LIXISLAJRRPWGWIVLAMXXVREWYMJQPZIAYOEWOLVFAMJTCSOQYMYCAMDEDGTZNEZRXZBED TTMGHNWEPVRLUWGGIVFTPVZVBZLJYSHJWPEISXGAVZSYLMIGZTMYXYSZTYKVBETZQRBQQSM EUSONWGSNBVGCSDUJVVTTZHPPCYPDWECDMVRUZZWFMEULJJYKVTUASIHSMDRBGEIIHZHHIN XYSNZDXZOLTHSDSYBJJFZTDZVJTLBZMWHSMDRBGEIIHYOOJZIEKSMMIKVPWGHXSYBGIDOYBCS LUSBDXNODPZAFIWLCEMSOQKTVRSQNTVBTVOSZHLVYWZUYMYXYSTVYIEHFZZWRBOWGMMSC EJYCRSIQISSPVNXIOTOCXNOJPPVIWPLJJWPFBVWZHNPVRTSOBJFVWXUZHZOEMGCLBOMMLZGY WNIZHOWGPFKPLVWRALBOIICOKJYIGPBCEKVPTJSBSOIGPFJPZCMJRPAFJFFTBRMKVZCOJZBOOIK ZHLVYLRDAMIMEUTVOLVQZCMWVCQPDWJSLZXLKCWWJOJHCIDKYHMMASISSQHLZGRIUIVBNW PRKSCMYXYSAIGIRBOBZVIWQQZHWONMJJFZTDZVKKTAOAYCOMNTZHPIGPKVPIYQFBTBJVPZZW FWRBOXDRTVPAJJSIXJGINODZZKRFOQIKKVPZZTLZDQQITCFVOIEOYKZSWVTAAYKICMHEJHPZR MKVLUDRXZPLZBGFPANMFBZNCSIFZZVRUTPIMXFCAIGTRPWMOSSSXQNXRYPVZZVBMGVLRZQJ GMERXIBMJHCIOIKVPWGHXSYBGIDOYAOSGDPLGEZROWRRYWDXZRRBOTJSBSONMSDCWQQIIHZ UMPZAMSDRJKSWVXKSXXOIUHZBVOVGYCAJNWEPVGYSPZAYCOYLPRTCYKZVESOINTVQEUTFF MDIDHKVPWGHXSYBGIDOYGJYCCZSKECSLVYECOCUZHNVLBDWKVPUVXKSCAOEERLTDXKZPIR EPTCWHLZAMMVHCSDIDHKVPWOLVFXIBMJHCIOICOJQIKRGTLZXYSAIKIIOYLGIRBTVBJFFHIMHN WEPVRVLAZZWJWZVJJZBEMMIJHYWRFFMEMGPLGHPVXJHSMHEKHPZYSEHMMVJIOTLJPZJPZAICZ ZVCMJYYMZWRBOKGEJDTVBLZGSIIHJHZOZXYSCXMEPSOBCEKHSMTAFIWLJVUSCPDOSONSOSKV PLVVBFZWHXYOEBCIPKZCGHJHLZOIYWXJZEKVTUFMCZSOHMWHSMTTCSLAZHIOEPZVKVLVNIER SOHENOJEDXYHSIOHISLLAYCALVRICZDIDHDFMCHFCSCIDWZBRPDWYOYLNEERPGZWNWEPHSJH TUKVVGDQQIJCWMHRZHJEZPCCQIGPKVPIMXWIWIIHUSDQBRZBRWMTYOYAOLRHPDZVZGPMJPZJ PZTSLOCMJRVCQBCIDCDBWEISQIXIUSDBCSCRJWPVKCYOPISSLLGIJOTLOLVGPKJRUCWLBIEHWM HEEKSMIOIPFUWPVVLLBMMSYDZRKHZBCMJOZUKSLBOIYNVOEOOIZPPOTSLFHWMWYWAAKEIRZ VNEZRXZWYDPWMDRTFPLPPFIDWALRJTVBLVOCLVVZUSBYMUMZCMAFFDPDTJDPIFXFAPGZWYC WLTSLFEWIKLSXZWYDPWMREJGECKIWWPLRMKVLAOSEWDPHIEHLJZEUZPWMHVFPLOSYCWLC MJHZVBYVOXWMECFPDJPLHTWIXYSZTYKVBETZQRBTVOLVHZZOSZGPACICZDXZGKONTZWCCZS ZHRHSONGFAAIIMFBSMISURPLNMXBTNDGRBETTAVFPNPWVHZAVRTHTWIXYSDMDRUSYBPVVG DIDHKVPWGHXSYBGIDOYBJWJWYOVWZRPBCIGWPKZSWDLZXLDSYBVWYSDXJOVWSWKIJHLUHI ISOUMPZAMSDRJWSWKIKVPUVKZGEZVXVGHQGPECENJVDHSMJTZBTWIXYOEBCIRIEPJVZHTMNL RJPJZIEUFQGXPCQIICZAAZJTVFNWIHLQEWIXYSFVNYGDZZOIUHPAOMDCYGJJRQSQGHKVPUVKZG EZVXVGLZZRFHNIGPVRFXJRKCAZJRFIYKZEEMZXDRZCYWIXYSXIOXVFDIDHKVPAZGFBOWGHXS YBGIDOYACEIDWGOEBSEPZFFMMIXOKCEPZAFFVPJYJSLVYXISLBCMDYTVYPPVPAZIDGEWREEHT BOLRHDIHIVJPVDRXHSMBIEHWMHEEWYBCINVTBZARWDBXSRHXWNXGCDQOMMSWGVRURPKD HVRWGVJWWCUZHECEWIPPHSIOSCWGMMAFIWLWIYIYOWYKHSIOLVKZCGHSSOZVAEOYLLYRFE MMIUWYBJXYSMIMKRWYUMFLAMTZWYCZSCMJVPIYAZHSOGSFAJUTWKSCGVRUGLOYLVKTACI UVPUDKYHNWHIKCRWJHNVPZZYEHZUMKRAQQZPUFPXGMVREPVXYSHQNLVRSMHMXVEKJQVH ZPDQNVTKCECHSWPKYVPIBVVSOEDXYHSMWIRRWMDRDCDBHEKHPZNAFIWLNIVAEWWIRKTACS WOEWOECZJWKTFGTBZHVGNZDTKWZVOLVBPFOQFFYQIKKVPXPFCWNEZVVCYKZMETZZHIUHSI OSCWGMMXNWDBREJORIDRKCWMOEEREPVXWWGMKSLBOARSLZOJZTRWOBJEEMMWYCNVZEJY CREIFIGCDAZWJWZVJJYWX

Mert Külte, Ali Özkahraman, Burak Memiş

Playfair Cipher

http://rumkin.com/tools/cipher/playfair.php

Plaintext:

TREATSOFTHEPLACEWHEREOLIVERTWISTWASBORNANDOFTHECIRCUMSTANCESATTENDINGHIS BIRTHAMONGOTHERPUBLICBUILDINGSINACERTAINTOWNWHICHFORMANYREASONSITWILLBEPR UDENTTOREFRAINFROMMENTIONINGANDTOWHICHIWILLASSIGNNOFICTITIOUSNAMETHEREISON EANCIENTLYCOMMONTOMOSTTOWNSGREATORSMALLTOWITAWORKHOUSEANDINTHISWORKHO USEWASBORNONADAYANDDATEWHICHINEEDNOTTROUBLEMYSELFTOREPEATINASMUCHASITCA NBEOFNOPOSSIBLECONSEQUENCETOTHEREADERINTHISSTAGEOFTHEBUSINESSATALLEVENTSTH EITEMOFMORTALITYWHOSENAMEISPREFIXEDTOTHEHEADOFTHISCHAPTERFORALONGTIMEAFTE RITWASUSHEREDINTOTHISWORLDOFSORROWANDTROUBLEBYTHEPARISHSURGEONITREMAINED AMATTEROFCONSIDERABLEDOUBTWHETHERTHECHILDWOULDSURVIVETOBEARANYNAMEATAL LINWHICHCASEITISSOMEWHATMORETHANPROBABLETHATTHESEMEMOIRSWOULDNEVERHAVEA PPEAREDORIFTHEYHADTHATBEINGCOMPRISEDWITHINACOUPLEOFPAGESTHEYWOULDHAVEPOS SESSEDTHEINESTIMABLEMERITOFBEINGTHEMOSTCONCISEANDFAITHFULSPECIMENOFBIOGRAPH YEXTANTINTHELITERATUREOFANYAGEORCOUNTRYALTHOUGHIAMNOTDISPOSEDTOMAINTAINT HATTHEBEINGBORNINAWORKHOUSEISINITSELFTHEMOSTFORTUNATEANDENVIABLECIRCUMSTA NCETHATCANPOSSIBLYBEFALLAHUMANBEINGIDOMEANTOSAYTHATINTHISPARTICULARINSTAN CEITWASTHEBESTTHINGFOROLIVERTWISTTHATCOULDBYPOSSIBILITYHAVEOCCURREDTHEFACTI STHATTHEREWASCONSIDERABLEDIFFICULTYININDUCINGOLIVERTOTAKEUPONHIMSELFTHEOFFI CEOFRESPIRATIONATROUBLESOMEPRACTICEBUTONEWHICHCUSTOMHASRENDEREDNECESSARY TOOUREASYEXISTENCEANDFORSOMETIMEHELAYGASPINGONALITTLEFLOCKMATTRESSRATHER UNEQUALLYPOISEDBETWEENTHISWORLDANDTHENEXTTHEBALANCEBEINGDECIDEDLYINFAVOU ROFTHELATTERNOWIFDURINGTHISBRIEFPERIODOLIVERHADBEENSURROUNDEDBYCAREFULGRA NDMOTHERSANXIOUSAUNTSEXPERIENCEDNURSESANDDOCTORSOFPROFOUNDWISDOMHEWOUL DMOSTINEVITABLYANDINDUBITABLYHAVEBEENKILLEDINNOTIMETHEREBEINGNOBODYBYHOW EVERBUTAPAUPEROLDWOMANWHOWASRENDEREDRATHERMISTYBYANUNWONTEDALLOWANCE OFBEERANDAPARISHSURGEONWHODIDSUCHMATTERSBYCONTRACTOLIVERANDNATUREFOUGHT OUTTHEPOINTBETWEENTHEMTHERESULTWASTHATAFTERAFEWSTRUGGLESOLIVERBREATHEDSN EEZEDANDPROCEEDEDTOADVERTISETOTHEINMATESOFTHEWORKHOUSETHEFACTOFANEWBURD ENHAVINGBEENIMPOSEDUPONTHEPARISHBYSETTINGUPASLOUDACRYASCOULDREASONABLYHA VEBEENEXPECTEDFROMAMALEINFANTWHOHADNOTBEENPOSSESSEDOFTHATVERYUSEFULAPPE NDAGEAVOICEFORAMUCHLONGERSPACEOFTIMETHANTHREEMINUTESANDAQUARTERASOLIVER GAVETHISFIRSTPROOFOFTHEFREEANDPROPERACTIONOFHISLUNGSTHEPATCHWORKCOVERLETW HICHWASCARELESSLYFLUNGOVERTHEIRONBEDSTEADRUSTLEDTHEPALEFACEOFAYOUNGWOMA NWASRAISEDFEEBLYFROMTHEPILLOWANDAFAINTVOICEIMPERFECTLYARTICULATEDTHEWORDS LETMESEETHECHILDANDDIETHESURGEONHADBEENSITTINGWITHHISFACETURNEDTOWARDSTHE FIREGIVINGTHEPALMSOFHISHANDSAWARMANDARUBALTERNATELYASTHEYOUNGWOMANSPOK EHEROSEANDADVANCINGTOTHEBEDSHEADSAIDWITHMOREKINDNESSTHANMIGHTHAVEBEENEX PECTEDOFHIMOHYOUMUSTNOTTALKABOUTDYINGYETLORBLESSHERDEARHEARTNOINTERPOSE DTHENURSEHASTILYDEPOSITINGINHERPOCKETAGREENGLASSBOTTLETHECONTENTSOFWHICHSH EHADBEENTASTINGINACORNERWITHEVIDENTSATISFACTIONLORBLESSHERDEARHEARTWHENSH EHASLIVEDASLONGASIHAVESIRANDHADTHIRTEENCHILDRENOFHEROWNANDALLONEMDEADEX CEPTTWOANDTHEMINTHEWURKUSWITHMESHELLKNOWBETTERTHANTOTAKEONINTHATWAYBL ESSHERDEARHEARTTHINKWHATITISTOBEAMOTHERTHERESADEARYOUNGLAMBDOAPPARENTLY THISCONSOLATORYPERSPECTIVEOFAMOTHERSPROSPECTSFAILEDINPRODUCINGITSDUEEFFECTT HEPATIENTSHOOKHERHEADANDSTRETCHEDOUTHERHANDTOWARDSTHECHILDTHESURGEONDEP OSITEDITINHERARMSSHEIMPRINTEDHERCOLDWHITELIPSPASSIONATELYONITSFOREHEADPASSED HERHANDSOVERHERFACEGAZEDWILDLYROUNDSHUDDEREDFELLBACKANDDIEDTHEYCHAFEDH ERBREASTHANDSANDTEMPLESBUTTHEBLOODHADSTOPPEDFOREVERTHEYTALKEDOFHOPEANDC OMFORTTHEYHADBEENSTRANGERSTOOLONGITSALLOVERMRSTHINGUMMYSAIDTHESURGEONAT LASTAHPOORDEARSOITISSAIDTHENURSEPICKINGUPTHECORKOFTHEGREENBOTTLEWHICHHADF

ALLENOUTONTHEPILLOWASSHESTOOPEDTOTAKEUPTHECHILDPOORDEARYOUNEEDNTMINDSEN DINGUPTOMEIFTHECHILDCRIESNURSESAIDTHESURGEONPUTTINGONHISGLOVESWITHGREATDELI BERATIONITSVERYLIKELYITWILLBETROUBLESOMEGIVEITALITTLEGRUELIFITISHEPUTONHISHAT ANDPAUSINGBYTHEBEDSIDEONHISWAYTOTHEDOORADDEDSHEWASAGOODLOOKINGGIRLTOOW HEREDIDSHECOMEFROM?SHEWASBROUGHTHERELASTNIGHTREPLIEDTHEOLDWOMANBYTHEOVE RSEERSORDERSHEWASFOUNDLYINGINTHESTREETSHEHADWALKEDSOMEDISTANCEFORHERSHOE SWEREWORNTOPIECESBUTWHERESHECAMEFROMORWHERESHEWASGOINGTONOBODYKNOWSTH ESURGEONLEANEDOVERTHEBODYANDRAISEDTHELEFTHANDTHEOLDSTORYHESAIDSHAKINGHIS HEADNOWEDDINGRINGISEEAHGOODNIGHTTHEMEDICALGENTLEMANWALKEDAWAYTODINNERA NDTHENURSEHAVINGONCEMOREAPPLIEDHERSELFTOTHEGREENBOTTLESATDOWNONALOWCHAI RBEFORETHEFIREANDPROCEEDEDTODRESSTHEINFANTWHATANEXCELLENTEXAMPLEOFTHEPOW EROFDRESSYOUNGOLIVERTWISTWASWRAPPEDINTHEBLANKETWHICHHADHITHERTOFORMEDHIS ONLYCOVERINGHEMIGHTHAVEBEENTHECHILDOFANOBLEMANORABEGGARITWOULDHAVEBEEN HARDFORTHEHAUGHTIESTSTRANGERTOHAVEASSIGNEDHIMHISPROPERSTATIONINSOCIETYBUTN OWTHATHEWASENVELOPEDINTHEOLDCALICOROBESWHICHHADGROWNYELLOWINTHESAMESER VICEHEWASBADGEDANDTICKETEDANDFELLINTOHISPLACEATONCEAPARISHCHILDTHEORPHANO FAWORKHOUSETHEHUMBLEHALFSTARVEDDRUDGETOBECUFFEDANDBUFFETEDTHROUGHTHEW ORLDDESPISEDBYALLANDPITIEDBYNONEOLIVERCRIEDLUSTILYIFHECOULDHAVEKNOWNTHATH EWASANORPHANLEFTTOTHETENDERMERCIESOFCHURCHWARDENSANDOVERSEERSPERHAPSHE WOULDHAVECRIEDTHELOUDER

Ciphertext:

WTLNWCLBRACZTFNCRDOCOLIVEOTWDWCWTDRMRHHDHKLBRACNOWTZYKAFPNVCFACLHKED BDVWGOTWADBVDPLRNOCBQFIVRPXLIAEDMWEDNTOCAFEDRLCDRDEWABRHFKKZCOKTEHWV WSVIOFCZTQNIACRLCOBTDLAPHRZZCPWLEHEDFDHKRLRDEWDODWWWKTWVPDHEGLRWLWVL YTHDPVRAOCOVRVPCDHWECPATZSVBBVACVBVRDDIRKCBWLNRLTCFKWWRLDWAFRISHBRYTL NHKEDRAVWRISHBRYTICKTQRCHEHDKKUDHMMFAICDORNEDRRKHLRWTLQFOVPVKOIUARHCZL NWLHDKYZTADWVWRDHPOLBHEBENNOGIOREKCOZZLPNLCLRNOCODKOCEDRAVWCWDFOLUAN OFOWVPCNNFAFTIOEOACCWNOLWVPLBBVTWFTLWXSBRCVHDPVVWBCLPWIINRLRAONLNHIUA DOCRADFCOCBLTHILDPWLPVFUCLWOWSKTYTNOCOGWACLRDOCSRHIALBRVAAIRDHAWHRQFIO MORACZHTVWKRQTPIEHLWCOFKEDINKFFACLHRPTEHWVNITHFOINLQFRRDLCNOTWNORNVIGDL QIATYSOVELCRQLNTHKZHDPVFAFTIVDCDORNTNCVLWVWRVPVRDFABVCORADHBCRQHFIORAF ARAVCVPVPLVTCRILTKHOEOCADEONFZCHTINRHLGRAVZADAWADRFOVDPREPBWOCVGDLWDO HDREZFIOLBFNPICWNOXSLQIAADEOBENNVCCVAWNOEDVCWLFKFOVPOCLWLBPOEDFWNOBVC WREPNVWLNHKUFLWABLTCMCNVGCPLBGOIBTHBNZVUWDHWLACNOIVCLTHALCOLBDHUKPIRH REZAWTUKTABRXFDOKFHEWAVWBECVAWVBDLACDLACADDDNOPOEDMFRHDEHDRISHBRYTOV WVDEWCOIUANOBVCWBLTWZAFALNHKCPEVHFIOWETRYFCWDHNCRAFATNPZVRWVFOOMLPFT TFAOFKHPOVDPWGVBLNACVRKURAFAEDRAVWFNTWEWLTHTEDCWDHNCLWTDCWNOPOCWRAE DMGRHLIVEOCWSVWDDADWRLQIAMQBENNOGVILWQKKLOLHHQTCOAWNOUFRWVWRAFARAOC ICKTREKCWGOCHFIOGWXXEWLTSUEDEDAXWEDPLIVEOCRLAFNVZFEHDOYKOIUANOLBGLNCLB COCMOWFAVLHDWTLOFOVCVBCZTHRWEWOPLAEHICDORNTZCWVBADCTCPNICOKHCNVCTKSO RLLQCOKTZVIWCWCPNCDHAGRHRVPVWLPVNOTFXMKTGEDPEHFTLWATLPILSNFKDDCONNTHRA OCZAOZLFWWZMLVCVHGLCCICPRAVWRITOKDHKRACPIZDDNOFHTFPNOPOVDPNIWENIAIXVAPK LLQHRUANOTFDDOCHEDWGAQTEDFWDORMWOLPZCWOIHLIVEOCADHGRRKCQTHRZANIHGZSHT LPLTBWDHKGLRNOTCDHIWLOTKZAWCIZZCWOCPNCKHOTCVTKHKHIRWRHRVGBHRBLZAGDVW HIBKICLOIABVCWEDOELWHFVUDHGWHKOFLWHFVUADEOPOCPDVWWINEDHEWLPVRAOCOPOV DPHEQRKXMQBRCIEOHQLANFFLZCHRIARIFKDCBRTDCTCPNICOHWFANOSBVWSUMQDHZARIACI NFTILTDPNOLGFRRTHHKNFHTVWKROTPIEHRDIHWGTYRNFKDDOCRMZSEHWTNTRLIVEOTHHKHD ALCOBLXFARLQDDNOBEEDRFLCCICPRAVPRAOCVCLTWSKTRAFAFUCLTHPLSCWTXFFIVCLIVEOC QHLNRAINCKRRECKDHKBCERRRNIAWLHKIOCWLCVRLRAOVKPFAVCLBRAICRHNALQCVRALPNT RLUFPCRGQTNIHAKLEDMFRRDEPBVRINZFEHRACZHTVWBQVKLCWLDPZFKTILXANTSQKTRELTH WLNRVHDFOQKKLOPRRPCZGCNCLAGHRFKFKIOEDUFACRDRBDKHERFRRPZVRCVNNINLBRAFAEO SOYTLPLTNFZCHKDFLNELEWLPRHKFZTAOEHPITCFNNCLBWLPVRADHRACOVPEDLAVCDHKDUXH TCLTHRVIVEOWBKLLCDOTMOWCWBCTTBLUANOBTRRDHNGHRZCTHRWVLHEBAVWTLDPCWNOF NWRDRRHNSLEOCIOWSDORNTDCRHTOIVCTVUMTLDPLEOCRAOVHRHPINCWLNHWYTATINRACZF TLPNTOLUFOVZAXDVBDHTDCTDLCVAGRRFOUMHRFSNOGEWWIRDHKDUFEDSLLVNCVGZCTBCN ATUKTWEWLTFAINRAICRHKWIOSFVCRRRACNDOIADHMMVORAVCOTPIEHADHGRRKCLWWLDPD

WRADOTMNTLCOTPCAWIRHTKWRALPOWIPVEEDFWNOFNVFRVBAVWADHKTKTDSBDHKDTOFHT AOCHDCLVUKTRAVZLQDPRIFKKCBENVNOHRCVDHKDKIDHWEDPRLRAOPINRKLNKWDLGDLWKB RHVNEDKHVCCWADKPWXARADEOPOCPIZZCRWINLBDOBVKQLQFYCWHEDDFTNDQRLAKXEDMX LCILHQIONNNOWHLNHBLNTWHEEDCLCBVRINRACPQTCVADCWVIXKCZVRLWEDXWHAOCBESNL CDFCOCPFIKTRMLRATLCNOREACCPWCLBRDEWKRNOADHGRRACKTWLDPEDNTRHPCTSLWNOEV NIACTKWLTMNTWLEHILHQIONNNOWHLNHBLNTWRDCPRKONKTIVEOKDTVEHFDWVADEOWVTH HKADAWDOTWRRPNDOIACOHEBAOCIRHDHKFTILPCGKLNNIZWCZDDRIDHAWNOGVACNOTXSHY TDWRAPVRKOIVAHERGLCCLTWADACLRDNOLDEACADWSKUFOVCRKOCNIHTNOHTDDDOHNRDF ALWVWRLPOKFLRNOTWNOCOTKNIHTOVZAFIKFGHLHOOHTCPATUSDOCREHRVTFRLSOZCTCZCR WVEOLUFBVRAOCCMHRCMCNWCUFVIINEDBCIHZTEDXWWCAXRRXXCNDDNOFNWLCPWCBRVHN OHBLNKDHKCWCOWRNOHILANOHBDHAWIRHTKWRACNDOIARAVCOTPIEHNIBEWVCLGWWLHAO CHTYKRKOVPBWOACINNOTRLIGDDOCLIVMCFNNNVLHDCLVUEHLWTMRHONLNNGKTCVKAOCA DHKRVEOHBOCUFNCFDECGDVIAIQSLQHKRKXANICOAGOIOFNTNDHKGWINRAVZRNFUINNOHQCO KTRADHKWDHAWVPFEVCFQDDNOFOTTKADKCWEBZCAGRHOEOCRAVZAFVAINLBBRZCDHNWVB BLTWRAVZADHGRRKCWTDHPITCRLLIEHXWWCFTILEOSBTCRAEDFXZZVKDLAWNOTYWBOLHDA TKTAFNBTTWHLNTCLVWLNNDLAWNOAZTCCZEWDVDPZFRACNRHHVUANOBWRRHPLRATICDOR NADAGFTIOHELAEHRACZVIILTDNNNOCWTTZCAWLRDNLZFCNORNVINGTTWHLNSQLQPCINACGV HKCVHKEDFXFCVBOVUANORNVINWWOVCAZTCVCDLAWNOTYWBOLPZLAWLDPEHDOWMILEOCS LWDBCOFANIIVPOTHWLEHLWKSOCUVVDOIXVWSVIOFLCHRQFIORVPVXWEOLWFTLWATIPTQOIL GLWVWNOFZRLHAVWADAFHKFNYTEDMFUSNOPOKWWGOLHAVWTDUSLRNOHIRHDKNIKWNOTD TKBIIHILVHEDYYOWTATTRDOCINWGRKCNVBLPHRY?KNOTDRMHRXFARNOCOTFCWDEBDWTCZI VINRAOLIARIFKHPUSNOLEOCCVOCRVWHOCRKICKTBLZAAIXVDPEDRAVCWTRRWCNOADGDFTN VKWVBINVWAFPNLPRHNOTCBRVCCICORICHRLGECNVCFOWSNOCORKCNKFLPHRBVTSNOCORKIC KTBIEDFWEHRQIHVMHESCRAVCQTPIEHIODHINLEOCRAOPIHUKHKTHVWINRAOILPRADHAWNOLI KWRLSQNOTKWGRKDNEDBDVWNODKHECIMMEDBWEDXWCVLNDBTTKHWXARRAVPINEWFTPIA CIOFKDCFTNVKDTDUSIHEDPCTHHKRACPQTCVADEVDPEHNCBVCONFFEVOKAOCCVTURLRAIPCO CPQRDDIOTKWAIRHEHDILSRADOWPOBLCORALPOWLNHKBCERRRNIAWIHCONNRAOVAPDHWSAD AFPCZWOIIOACIZKFFEOLUANOBECIHRGACONNQVZABIIVEOTWDWCWTDCSTHQQINEDRAOPTFHN LCRDEWFFDKDORAOCRLBLSBINDORVAEZSLEOCEDBDVPWXARADEOPOCPRACNDOIALBDHRQIOF KHETHPOYYHTLWRILTKAKLOPRRHAHTAGRHRAONFLBDWLVCWCWTDHPITWRBKLLNNNWXPCK AVGDOCMHRZCTCAFWLEHEDRVWELCQMLAHESWADRAICKTCPEOILZCGWACNOLINWFTEWRHRQ VCRDEWFFDKBWIRKZOIILDWACNOTKPVCVSOEWONICKTFHGXINDHAWEWNVCLKDHKPLWWEDR LDOCMTFNCFAEHNCNFHTVWNRDOIARAOLCBADHEUFRISHBRYTLCNOAQPFIOADTUCWHTEOMMT OGXLCROCNLUPLKDHKFOXXLCINRAHRXFARNORITOMMVCGECVHGUKWWDHNGLWVOHGZKEH OLIVEOTRWOINTLCWVIXVBACNLOIAADEONHIRACADRAICKTDHRHBNDHIOUARLRALCCPNISBOC WEVCLBRNQTRNTDWHCPTKHKLEOCCVOCCMOCADMCNORILTKAKLCNWOINRAOILQNIWQ

Sinan Sezgin, Muhammet Şamil İkizoğlu, Çağatay Demirel

Vigenére Autokey

http://rumkin.com/tools/cipher/vigenere-autokey.php

Plaintext:

TREATSOFOLIVERTWISTSGROWTHEDUCATIONANDBOARDFORTHENEXTEIGHTORTENMONTHSOLI VERWASTHEVICTIMOFASYSTEMATICCOURSEOFTREACHERYANDDECEPTIONHEWASBROUGHTUP BYHANDTHEHUNGRYANDDESTITUTESITUATIONOFTHEINFANTORPHANWASDULYREPORTEDBYT HEWORKHOUSEAUTHORITIESTOTHEPARISHAUTHORITIESTHEPARISHAUTHORITIESINOUIREDWIT HDIGNITYOFTHEWORKHOUSEAUTHORITIESWHETHERTHEREWASNOFEMALETHENDOMICILEDINT HEHOUSEWHOWASINASITUATIONTOIMPARTTOOLIVERTWISTTHECONSOLATIONANDNOURISHME NTOFWHICHHESTOODINNEEDTHEWORKHOUSEAUTHORITIESREPLIEDWITHHUMILITYTHATTHERE WASNOTUPONTHISTHEPARISHAUTHORITIESMAGNANIMOUSLYANDHUMANELYRESOLVEDTHATO LIVERSHOULDBEFARMEDORINOTHERWORDSTHATHESHOULDBEDISPATCHEDTOABRANCHWORK HOUSESOMETHREEMILESOFFWHERETWENTYORTHIRTYOTHERJUVENILEOFFENDERSAGAINSTTHE POORLAWSROLLEDABOUTTHEFLOORALLDAYWITHOUTTHEINCONVENIENCEOFTOOMUCHFOODO RTOOMUCHCLOTHINGUNDERTHEPARENTALSUPERINTENDENCEOFANELDERLYFEMALEWHORECE IVEDTHECULPRITSATANDFORTHECONSIDERATIONOFSEVENPENCEHALFPENNYPERSMALLHEADP ERWEEKSEVENPENCEHALFPENNYSWORTHPERWEEKISAGOODROUNDDIETFORACHILDAGREATDE ALMAYBEGOTFORSEVENPENCEHALFPENNYQUITEENOUGHTOOVERLOADITSSTOMACHANDMAKEI TUNCOMFORTABLETHEELDERLYFEMALEWASAWOMANOFWISDOMANDEXPERIENCESHEKNEWWH ATWASGOODFORCHILDRENANDSHEHADAVERYACCURATEPERCEPTIONOFWHATWASGOODFORHE RSELFSOSHEAPPROPRIATEDTHEGREATERPARTOFTHEWEEKLYSTIPENDTOHEROWNUSEANDCONSI GNEDTHERISINGPAROCHIALGENERATIONTOEVENASHORTERALLOWANCETHANWASORIGINALLY PROVIDEDFORTHEMTHEREBYFINDINGINTHELOWESTDEPTHADEEPERSTILLANDPROVINGHERSELF AVERYGREATEXPERIMENTALPHILOSOPHEREVERYBODYKNOWSTHESTORYOFANOTHEREXPERIM ENTALPHILOSOPHERWHOHADAGREATTHEORYABOUTAHORSEBEINGABLETOLIVEWITHOUTEATIN GANDWHODEMONSTRATEDITSOWELLTHATHEHADGOTHISOWNHORSEDOWNTOASTRAWADAYAN DWOULDUNQUESTIONABLYHAVERENDEREDHIMAVERYSPIRITEDANDRAMPACIOUSANIMALONNO THINGATALLIFHEHADNOTDIEDFOURANDTWENTYHOURSBEFOREHEWASTOHAVEHADHISFIRSTCO MFORTABLEBAITOFAIRUNFORTUNATELYFORTHEEXPERIMENTALPHILOSOPHYOFTHEFEMALETO WHOSEPROTECTINGCAREOLIVERTWISTWASDELIVEREDOVERASIMILARRESULTUSUALLYATTEND EDTHEOPERATIONOFHERSYSTEMFORATTHEVERYMOMENTWHENTHECHILDHADCONTRIVEDTOEX ISTUPONTHESMALLESTPOSSIBLEPORTIONOFTHEWEAKESTPOSSIBLEFOODITDIDPERVERSELYHAPP ENINEIGHTANDAHALFCASESOUTOFTENEITHERTHATITSICKENEDFROMWANTANDCOLDORFELLIN TOTHEFIREFROMNEGLECTORGOTHALFSMOTHEREDBYACCIDENTINANYONEOFWHICHCASESTHE MISERABLELITTLEBEINGWASUSUALLYSUMMONEDINTOANOTHERWORLDANDTHEREGATHEREDT OTHEFATHERSITHADNEVERKNOWNINTHISOCCASIONALLYWHENTHEREWASSOMEMORETHANUS UALLYINTERESTINGINQUESTUPONAPARISHCHILDWHOHADBEENOVERLOOKEDINTURNINGUPABE DSTEADORINADVERTENTLYSCALDEDTODEATHWHENTHEREHAPPENEDTOBEAWASHINGTHOUGH THELATTERACCIDENTWASVERYSCARCEANYTHINGAPPROACHINGTOAWASHINGBEINGOFRAREOC CURRENCEINTHEFARMTHEJURYWOULDTAKEITINTOTHEIRHEADSTOASKTROUBLESOMEQUESTIO NSORTHEPARISHIONERSWOULDREBELLIOUSLYAFFIXTHEIRSIGNATURESTOAREMONSTRANCEBUT THESEIMPERTINENCESWERESPEEDILYCHECKEDBYTHEEVIDENCEOFTHESURGEONANDTHETESTI MONYOFTHEBEADLETHEFORMEROFWHOMHADALWAYSOPENEDTHEBODYANDFOUNDNOTHINGIN SIDEWHICHWASVERYPROBABLEINDEEDANDTHELATTEROFWHOMINVARIABLYSWOREWHATEVE RTHEPARISHWANTEDWHICHWASVERYSELFDEVOTIONALBESIDESTHEBOARDMADEPERIODICALPI LGRIMAGESTOTHEFARMANDALWAYSSENTTHEBEADLETHEDAYBEFORETOSAYTHEYWEREGOING THECHILDRENWERENEATANDCLEANTOBEHOLDWHENTHEYWENTANDWHATMOREWOULDTHEPE OPLEHAVEITCANNOTBEEXPECTEDTHATTHISSYSTEMOFFARMINGWOULDPRODUCEANYVERYEXT RAORDINARYORLUXURIANTCROPOLIVERTWISTSNINTHBIRTHDAYFOUNDHIMAPALETHINCHILDS OMEWHATDIMINUTIVEINSTATUREANDDECIDEDLYSMALLINCIRCUMFERENCEBUTNATUREORINH ERITANCEHADIMPLANTEDAGOODSTURDYSPIRITINOLIVERSBREASTITHADHADPLENTYOFROOMT OEXPANDTHANKSTOTHESPAREDIETOFTHEESTABLISHMENTANDPERHAPSTOTHISCIRCUMSTANCE

MAYBEATTRIBUTEDHISHAVINGANYNINTHBIRTHDAYATALLBETHISASITMAYHOWEVERITWASHIS NINTHBIRTHDAYANDHEWASKEEPINGITINTHECOALCELLARWITHASELECTPARTYOFTWOOTHERY OUNGGENTLEMANWHOAFTERPARTICIPATINGWITHHIMINASOUNDTHRASHINGHADBEENLOCKED UPFORATROCIOUSLYPRESUMINGTOBEHUNGRYWHENMRSMANNTHEGOODLADYOFTHEHOUSEWA SUNEXPECTEDLYSTARTLEDBYTHEAPPARITIONOFMRBUMBLETHEBEADLESTRIVINGTOUNDOTHE WICKETOFTHEGARDENGATEGOODNESSGRACIOUSISTHATYOUMRBUMBLESIRSAIDMRSMANNTHR USTINGHERHEADOUTOFTHEWINDOWINWELLAFFECTEDECSTASIESOFJOYSUSANTAKEOLIVERAND THEMTWOBRATSUPSTAIRSANDWASHEMDIRECTLYMYHEARTALIVEMRBUMBLEHOWGLADIAMTO SEEYOUSURELYNOWMRBUMBLEWASAFATMANANDACHOLERICSOINSTEADOFRESPONDINGTOTHI SOPENHEARTEDSALUTATIONINAKINDREDSPIRITHEGAVETHELITTLEWICKETATREMENDOUSSHAK EANDTHENBESTOWEDUPONITAKICKWHICHCOULDHAVEEMANATEDFROMNOLEGBUTABEADLESL ORONLYTHINKSAIDMRSMANNRUNNINGOUTFORTHETHREEBOYSHADBEENREMOVEDBYTHISTIME ONLYTHINKOFTHATTHATISHOULDHAVEFORGOTTENTHATTHEGATEWASBOLTEDONTHEINSIDEON ACCOUNTOFTHEMDEARCHILDRENWALKINSIRWALKINPRAYMRBUMBLEDOSIRALTHOUGHTHISIN VITATIONWASACCOMPANIEDWITHACURTSEYTHATMIGHTHAVESOFTENEDTHEHEARTOFACHURC HWARDENITBYNOMEANSMOLLIFIEDTHEBEADLEDOYOUTHINKTHISRESPECTFULORPROPERCOND UCTMRSMANNINQUIREDMRBUMBLEGRASPINGHISCANETOKEEPTHEPARISHOFFICERSAWAITINGA TYOURGARDENGATEWHENTHEYCOMEHEREUPONPOROCHIALBUSINESSWITHTHEPOROCHIALORP HANSAREYOUAWEERMRSMANNTHATYOUAREASIMAYSAYAPOROCHIALDELEGATEANDASTIPEND IARYIMSUREMRBUMBLETHATIWASONLYATELLINGONEORTWOOFTHEDEARCHILDRENASISSOFON DOFYOUTHATITWASYOUACOMINGREPLIEDMRSMANNWITHGREATHUMILITYMRBUMBLEHADAGR EATIDEAOFHISORATORICALPOWERSANDHISIMPORTANCEHEHADDISPLAYEDTHEONEANDVINDIC ATEDTHEOTHERHERELAXEDWELLWELLMRSMANNHEREPLIEDINACALMERTONEITMAYBEASYOU SAYITMAYBELEADTHEWAYINMRSMANNFORICOMEONBUSINESSANDHAVESOMETHINGTOSAYMR SMANNUSHEREDTHEBEADLEINTOASMALLPARLOURWITHABRICKFLOORPLACEDASEATFORHIMA NDOFFICIOUSLYDEPOSITEDHISCOCKEDHATANDCANEONTHETABLEBEFOREHIMMRBUMBLEWIPE DFROMHISFOREHEADTHEPERSPIRATIONWHICHHISWALKHADENGENDEREDGLANCEDCOMPLACE NTLYATTHECOCKEDHATANDSMILEDYESHESMILEDBEADLESAREBUTMENANDMRBUMBLESMILE DNOWDONTYOUBEOFFENDEDATWHATIMAGOINGTOSAYOBSERVEDMRSMANNWITHCAPTIVATING SWEETNESSYOUVEHADALONGWALKYOUKNOWORIWOULDNTMENTIONITNOWWILLYOUTAKEALI TTLEDROPOFSOMETHINKMRBUMBLENOTADROPNORADROPSAIDMRBUMBLEWAVINGHISRIGHTH ANDINADIGNIFIEDBUTPLACIDMANNERITHINKYOUWILLSAIDMRSMANNWHOHADNOTICEDTHETO NEOFTHEREFUSALANDTHEGESTURETHATHADACCOMPANIEDITJUSTALEETLEDROPWITHALITTLE COLDWATERANDALUMPOFSUGARMRBUMBLECOUGHEDNOWJUSTALEETLEDROPSAIDMRSMANNP ERSUASIVELYWHATISITINOUIREDTHEBEADLEWHYITSWHATIMOBLIGEDTOKEEPALITTLEOFINTHE HOUSETOPUTINTOTHEBLESSEDINFANTSDAFFYWHENTHEYAINTWELLMRBUMBLEREPLIEDMRSMA NNASSHEOPENEDACORNERCUPBOARDANDTOOKDOWNABOTTLEANDGLASSITSGINILLNOTDECEI VEYOUMRBITSGINDOYOUGIVETHECHILDRENDAFFYMRSMANNINOUIREDBUMBLEFOLLOWINGWI THHISEYESTHEINTERESTINGPROCESSOFMIXINGAHBLESSEMTHATIDODEARASITISREPLIEDTHENU RSEICOULDNTSEEEMSUFFERBEFOREMYVERYEYESYOUKNOWSIRNOSAIDMRBUMBLEAPPROVINGL YNOYOUCOULDNOTYOUAREAHUMANEWOMANMRSMANNHERESHESETDOWNTHEGLASSISHALLT AKEAEARLYOPPORTUNITYOFMENTIONINGITTOTHEBOARDMRSMANNHEDREWITTOWARDSHIMYO UFEELASAMOTHERMRSMANNHESTIRREDTHEGINANDWATERIIDRINKYOURHEALTHWITHCHEERF ULNESSMRSMANNANDHESWALLOWEDHALFOFITANDNOWABOUTBUSINESSSAIDTHEBEADLETAKI NGOUTALEATHERNPOCKETBOOKTHECHILDTHATWASHALFBAPTIZEDOLIVERTWISTISNINEYEARO LDTODAYBLESSHIMINTERPOSEDMRSMANNINFLAMINGHERLEFTEYEWITHTHECORNEROFHERAPR ONANDNOTWITHSTANDINGAOFFEREDREWARDOFTENPOUNDWHICHWASAFTERWARDSINCREASE DTOTWENTYPOUNDNOTWITHSTANDINGTHEMOSTSUPERLATIVEANDIMAYSAYSUPERNATRALEXE RTIONSONTHEPARTOFTHISPARISHSAIDBUMBLEWEHAVENEVERBEENABLETODISCOVERWHOISHIS FATHERORWHATWASHISMOTHERSSETTLEMENTNAMEORCONDITIONMRSMANNRAISEDHERHAND SINASTONISHMENTBUTADDEDAFTERAMOMENTSREFLECTIONHOWCOMESHETOHAVEANYNAMEA TALLTHENTHEBEADLEDREWHIMSELFUPWITHGREATPRIDEANDSAIDIINWENTEDITYOUMRBUMBL EIMRSMANNWENAMEOURFONDLINGSINALPHABETICALORDERTHELASTWASASSWUBBLEINAMED HIMTHISWASATTWISTINAMEDHIMTHENEXTONECOMESWILLBEUNWINANDTHENEXTVILKINSIHA VEGOTNAMESREADYMADETOTHEENDOFTHEALPHABETANDALLTHEWAYTHROUGHITAGAINWHE NWECOMETOZWHYYOUREQUITEALITERARYCHARACTERSIRSAIDMRSMANNWELLWELLSAIDTHEB EADLEEVIDENTLYGRATIFIEDWITHTHECOMPLIMENTPERHAPSIMAYBEPERHAPSIMAYBEMRSMANN HEFINISHEDTHEGINANDWATERANDADDEDOLIVERBEINGNOWTOOOLDTOREMAINHERETHEBOAR

DHAVEDETERMINEDTOHAVEHIMBACKINTOTHEHOUSEIHAVECOMEOUTMYSELFTOTAKEHIMTHER ESOLETMESEEHIMATONCEILLFETCHHIMDIRECTLYSAIDMRSMANNLEAVINGTHEROOMFORTHATP URPOSEOLIVERHAVINGHADBYTHISTIMEASMUCHOFTHEOUTERCOATOFDIRTWHICHENCRUSTEDHI SFACEANDHANDSREMOVEDASCOULDBESCRUBBEDOFFINONEWASHINGWASLEDINTOTHEROOMB YHISBENEVOLENTPROTECTRESSMAKEABOWTOTHEGENTLEMANOLIVERSAIDMRSMANNOLIVERM ADEABOWWHICHWASDIVIDEDBETWEENTHEBEADLEONTHECHAIRANDTHECOCKEDHATONTHETA BLEWILLYOUGOALONGWITHMEOLIVERSAIDMRBUMBLEINAMAJESTICVOICEOLIVERWASABOUTT OSAYTHATHEWOULDGOALONGWITHANYBODYWITHGREATREADINESSWHENGLANCINGUPWARD HECAUGHTSIGHTOFMRSMANNWHOHADGOTBEHINDTHEBEADLESCHAIRANDWASSHAKINGHERFIS TATHIMWITHAFURIOUSCOUNTENANCEHETOOKTHEHINTATONCEFORTHEFISTHADBEENTOOOFTE NIMPRESSEDUPONHISBODYNOTTOBEDEEPLYIMPRESSEDUPONHISRECOLLECTIONWILLSHEGOWIT HMEINQUIREDPOOROLIVERNOSHECANTREPLIEDMRBUMBLEBUTSHELLCOMEANDSEEYOUSOMETI MESTHISWASNOVERYGREATCONSOLATIONTOTHECHILDYOUNGASHEWASHOWEVERHEHADSENS EENOUGHTOMAKEAFEINTOFFEELINGGREATREGRETATGOINGAWAYITWASNOVERYDIFFICULTMA TTERFORTHEBOYTOCALLTEARSINTOHISEYESHUNGERANDRECENTILLUSAGEAREGREATASSISTA NTSIFYOUWANTTOCRYANDOLIVERCRIEDVERYNATURALLYINDEEDMRSMANNGAVEHIMATHOUS ANDEMBRACESANDWHATOLIVERWANTEDAGREATDEALMOREAPIECEOFBREADANDBUTTERLESS HESHOULDSEEMTOOHUNGRYWHENHEGOTTOTHEWORKHOUSEWITHTHESLICEOFBREADINHISHA NDANDTHELITTLEBROWNCLOTHPARISHCAPONHISHEADOLIVERWASTHENLEDAWAYBYMRBUMB LEFROMTHEWRETCHEDHOMEWHEREONEKINDWORDORLOOKHADNEVERLIGHTEDTHEGLOOMOF HISINFANTYEARSANDYETHEBURSTINTOANAGONYOFCHILDISHGRIEFASTHECOTTAGEGATECLOSE DAFTERHIMWRETCHEDASWERETHELITTLECOMPANIONSINMISERYHEWASLEAVINGBEHINDTHEY WERETHEONLYFRIENDSHEHADEVERKNOWNANDASENSEOFHISLONELINESSINTHEGREATWIDEWO RLDSANKINTOTHECHILDSHEARTFORTHEFIRSTTIMEMRBUMBLEWALKEDONWITHLONGSTRIDESLI TTLEOLIVERFIRMLYGRASPINGHISGOLDLACEDCUFFTROTTEDBESIDEHIMINQUIRINGATTHEENDOF EVERYQUARTEROFAMILEWHETHERTHEYWERENEARLYTHERETOTHESEINTERROGATIONSMRBUM BLERETURNEDVERYBRIEFANDSNAPPISHREPLIESFORTHETEMPORARYBLANDNESSWHICHGINAND WATERAWAKENSINSOMEBOSOMSHADBYTHISTIMEEVAPORATEDANDHEWASONCEAGAINABEADL EOLIVERHADNOTBEENWITHINTHEWALLSOFTHEWORKHOUSEAQUARTEROFANHOURANDHADSCA RCELYCOMPLETEDTHEDEMOLITIONOFASECONDSLICEOFBREADWHENMRBUMBLEWHOHADHAND EDHIMOVERTOTHECAREOFANOLDWOMANRETURNEDANDTELLINGHIMITWASABOARDNIGHTINFO RMEDHIMTHATTHEBOARDHADSAIDHEWASTOAPPEARBEFOREITFORTHWITHNOTHAVINGAVERYC LEARLYDEFINEDNOTIONOFWHATALIVEBOARDWASOLIVERWASRATHERASTOUNDEDBYTHISINTE LLIGENCEANDWASNOTOUITECERTAINWHETHERHEOUGHTTOLAUGHORCRYHEHADNOTIMETOTHI NKABOUTTHEMATTERHOWEVERFORMRBUMBLEGAVEHIMATAPONTHEHEADWITHHISCANETOWA KEHIMUPANDANOTHERONTHEBACKTOMAKEHIMLIVELYANDBIDDINGHIMTOFOLLOWCONDUCTE DHIMINTOALARGEWHITEWASHEDROOMWHEREEIGHTORTENFATGENTLEMENWERESITTINGROUN DATABLEATTHETOPOFTHETABLESEATEDINANARMCHAIRRATHERHIGHERTHANTHERESTWASAPA RTICULARLYFATGENTLEMANWITHAVERYROUNDREDFACEBOWTOTHEBOARDSAIDBUMBLEOLIVE RBRUSHEDAWAYTWOORTHREETEARSTHATWERELINGERINGINHISEYESANDSEEINGNOBOARDBU TTHETABLEFORTUNATELYBOWEDTOTHATWHATSYOURNAMEBOYSAIDTHEGENTLEMANINTHEHI GHCHAIROLIVERWASFRIGHTENEDATTHESIGHTOFSOMANYGENTLEMENWHICHMADEHIMTREMBL EANDTHEBEADLEGAVEHIMANOTHERTAPBEHINDWHICHMADEHIMCRYTHESETWOCAUSESMADEH IMANSWERINAVERYLOWANDHESITATINGVOICEWHEREUPONAGENTLEMANINAWHITEWAISTCOA TSAIDHEWASAFOOLWHICHWASACAPITALWAYOFRAISINGHISSPIRITSANDPUTTINGHIMQUITEATHI SEASEBOYSAIDTHEGENTLEMANINTHEHIGHCHAIRLISTENTOMEYOUKNOWYOUREANORPHANISUP POSEWHATSTHATSIRINOUIREDPOOROLIVERTHEBOYISAFOOLITHOUGHTHEWASSAIDTHEGENTLE MANINTHEWHITEWAISTCOATHUSHSAIDTHEGENTLEMANWHOHADSPOKENFIRSTYOUKNOWYOUV EGOTNOFATHERORMOTHERANDTHATYOUWEREBROUGHTUPBYTHEPARISHDONTYOUYESSIRREP LIEDOLIVERWEEPINGBITTERLYWHATAREYOUCRYINGFORINOUIREDTHEGENTLEMANINTHEWHIT EWAISTCOATANDTOBESUREITWASVERYEXTRAORDINARYWHATCOULDTHEBOYBECRYINGFORIH OPEYOUSAYYOURPRAYERSEVERYNIGHTSAIDANOTHERGENTLEMANINAGRUFFVOICEANDPRAYF ORTHEPEOPLEWHOFEEDYOUANDTAKECAREOFYOULIKEACHRISTIANYESSIRSTAMMEREDTHEBOY THEGENTLEMANWHOSPOKELASTWASUNCONSCIOUSLYRIGHTITWOULDHAVEBEENVERYLIKEACH RISTIANANDAMARVELLOUSLYGOODCHRISTIANTOOIFOLIVERHADPRAYEDFORTHEPEOPLEWHOFE DANDTOOKCAREOFHIMBUTHEHADNTBECAUSENOBODYHADTAUGHTHIMWELLYOUHAVECOMEH ERETOBEEDUCATEDANDTAUGHTAUSEFULTRADESAIDTHEREDFACEDGENTLEMANINTHEHIGHCH AIRSOYOULLBEGINTOPICKOAKUMTOMORROWMORNINGATSIXOCLOCKADDEDTHESURLYONEINT

HEWHITEWAISTCOATFORTHECOMBINATIONOFBOTHTHESEBLESSINGSINTHEONESIMPLEPROCESS OFPICKINGOAKUMOLIVERBOWEDLOWBYTHEDIRECTIONOFTHEBEADLEANDWASTHENHURRIEDA WAYTOALARGEWARDWHEREONAROUGHHARDBEDHESOBBEDHIMSELFTOSLEEPWHATANOVELIL LUSTRATIONOFTHETENDERLAWSOFENGLANDTHEYLETTHEPAUPERSGOTOSLEEPPOOROLIVERHEL ITTLETHOUGHTASHELAYSLEEPINGINHAPPYUNCONSCIOUSNESSOFALLAROUNDHIMTHATTHEBOA RDHADTHATVERYDAYARRIVEDATADECISIONWHICHWOULDEXERCISETHEMOSTMATERIALINFLU ENCEOVERALLHISFUTUREFORTUNESBUTTHEYHADANDTHISWASITTHEMEMBERSOFTHISBOARDW EREVERYSAGEDEEPPHILOSOPHICALMENANDWHENTHEYCAMETOTURNTHEIRATTENTIONTOTHE WORKHOUSETHEYFOUNDOUTATONCEWHATORDINARYFOLKSWOULDNEVERHAVEDISCOVEREDT HEPOORPEOPLELIKEDITITWASAREGULARPLACEOFPUBLICENTERTAINMENTFORTHEPOORERCLAS SESATAVERNWHERETHEREWASNOTHINGTOPAYAPUBLICBREAKFASTDINNERTEAANDSUPPERALL THEYEARROUNDABRICKANDMORTARELYSIUMWHEREITWASALLPLAYANDNOWORKOHOSAIDTH EBOARDLOOKINGVERYKNOWINGWEARETHEFELLOWSTOSETTHISTORIGHTSWELLSTOPITALLINN OTIMESOTHEYESTABLISHEDTHERULETHATALLPOORPEOPLESHOULDHAVETHEALTERNATIVEFOR THEYWOULDCOMPELNOBODYNOTTHEYOFBEINGSTARVEDBYAGRADUALPROCESSINTHEHOUSEO RBYAQUICKONEOUTOFITWITHTHISVIEWTHEYCONTRACTEDWITHTHEWATERWORKSTOLAYONAN UNLIMITEDSUPPLYOFWATERANDWITHACORNFACTORTOSUPPLYPERIODICALLYSMALLQUANTITI ESOFOATMEALANDISSUEDTHREEMEALSOFTHINGRUELADAYWITHANONIONTWICEAWEEKANDHA LFAROLLOFSUNDAYSTHEYMADEAGREATMANYOTHERWISEANDHUMANEREGULATIONSHAVINGR EFERENCETOTHELADIESWHICHITISNOTNECESSARYTOREPEATKINDLYUNDERTOOKTODIVORCEPO ORMARRIEDPEOPLEINCONSEOUENCEOFTHEGREATEXPENSEOFASUITINDOCTORSCOMMONSANDI NSTEADOFCOMPELLINGAMANTOSUPPORTHISFAMILYASTHEYHADTHERETOFOREDONETOOKHISF AMILYAWAYFROMHIMANDMADEHIMABACHELORTHEREISNOSAYINGHOWMANYAPPLICANTSFOR RELIEFUNDERTHESELASTTWOHEADSMIGHTHAVESTARTEDUPINALLCLASSESOFSOCIETYIFITHAD NOTBEENCOUPLEDWITHTHEWORKHOUSEBUTTHEBOARDWERELONGHEADEDMENANDHADPROVI DEDFORTHISDIFFICULTYTHERELIEFWASINSEPARABLEFROMTHEWORKHOUSEANDTHEGRUELAND THATFRIGHTENEDPEOPLEFORTHEFIRSTSIXMONTHSAFTEROLIVERTWISTWASREMOVEDTHESYSTE MWASINFULLOPERATIONITWASRATHEREXPENSIVEATFIRSTINCONSEQUENCEOFTHEINCREASEINT HEUNDERTAKERSBILLANDTHENECESSITYOFTAKINGINTHECLOTHESOFALLTHEPAUPERSWHICHFL UTTEREDLOOSELYONTHEIRWASTEDSHRUNKENFORMSAFTERAWEEKORTWOSGRUELBUTTHENUM BEROFWORKHOUSEINMATESGOTTHINASWELLASTHEPAUPERSANDTHEBOARDWEREINECSTASIES THEROOMINWHICHTHEBOYSWEREFEDWASALARGESTONEHALLWITHACOPPERATONEENDOUTOF WHICHTHEMASTERDRESSEDINANAPRONFORTHEPURPOSEANDASSISTEDBYONEORTWOWOMENLA DLEDTHEGRUELATMEALTIMESOFTHISFESTIVECOMPOSITIONEACHBOYHADONEPORRINGERANDN OMOREEXCEPTONOCCASIONSOFGREATPUBLICREJOICINGWHENHEHADTWOOUNCESANDAOUART EROFBREADBESIDESTHEBOWLSNEVERWANTEDWASHINGTHEBOYSPOLISHEDTHEMWITHTHEIRSP OONSTILLTHEYSHONEAGAINANDWHENTHEYHADPERFORMEDTHISOPERATIONWHICHNEVERTOO KVERYLONGTHESPOONSBEINGNEARLYASLARGEASTHEBOWLSTHEYWOULDSITSTARINGATTHEC OPPERWITHSUCHEAGEREYESASIFTHEYCOULDHAVEDEVOUREDTHEVERYBRICKSOFWHICHITWAS COMPOSEDEMPLOYINGTHEMSELVESMEANWHILEINSUCKINGTHEIRFINGERSMOSTASSIDUOUSLY WITHTHEVIEWOFCATCHINGUPANYSTRAYSPLASHESOFGRUELTHATMIGHTHAVEBEENCASTTHERE ONBOYSHAVEGENERALLYEXCELLENTAPPETITESOLIVERTWISTANDHISCOMPANIONSSUFFEREDT HETORTURESOFSLOWSTARVATIONFORTHREEMONTHSATLASTTHEYGOTSOVORACIOUSANDWILD WITHHUNGERTHATONEBOYWHOWASTALLFORHISAGEANDHADNTBEENUSEDTOTHATSORTOFTHI NGFORHISFATHERHADKEPTASMALLCOOKSHOPHINTEDDARKLYTOHISCOMPANIONSTHATUNLESS HEHADANOTHERBASINOFGRUELPERDIEMHEWASAFRAIDHEMIGHTSOMENIGHTHAPPENTOEATTHE BOYWHOSLEPTNEXTHIMWHOHAPPENEDTOBEAWEAKLYYOUTHOFTENDERAGEHEHADAWILDHUN GRYEYEANDTHEYIMPLICITLYBELIEVEDHIMACOUNCILWASHELDLOTSWERECASTWHOSHOULDW ALKUPTOTHEMASTERAFTERSUPPERTHATEVENINGANDASKFORMOREANDITFELLTOOLIVERTWIST THEEVENINGARRIVEDTHEBOYSTOOKTHEIRPLACESTHEMASTERINHISCOOKSUNIFORMSTATIONED HIMSELFATTHECOPPERHISPAUPERASSISTANTSRANGEDTHEMSELVESBEHINDHIMTHEGRUELWASS ERVEDOUTANDALONGGRACEWASSAIDOVERTHESHORTCOMMONSTHEGRUELDISAPPEAREDTHEB OYSWHISPEREDEACHOTHERANDWINKEDATOLIVERWHILEHISNEXTNEIGHBORSNUDGEDHIMCHIL DASHEWASHEWASDESPERATEWITHHUNGERANDRECKLESSWITHMISERYHEROSEFROMTHETABLE ANDADVANCINGTOTHEMASTERBASINANDSPOONINHANDSAIDSOMEWHATALARMEDATHISOWNT EMERITYPLEASESIRIWANTSOMEMORETHEMASTERWASAFATHEALTHYMANBUTHETURNEDVERYP ALEHEGAZEDINSTUPEFIEDASTONISHMENTONTHESMALLREBELFORSOMESECONDSANDTHENCLU NGFORSUPPORTTOTHECOPPERTHEASSISTANTSWEREPARALYSEDWITHWONDERTHEBOYSWITHFE

ARWHATSAIDTHEMASTERATLENGTHINAFAINTVOICEPLEASESIRREPLIEDOLIVERIWANTSOMEMOR ETHEMASTERAIMEDABLOWATOLIVERSHEADWITHTHELADLEPINIONEDHIMINHISARMANDSHRIEK EDALOUDFORTHEBEADLETHEBOARDWERESITTINGINSOLEMNCONCLAVEWHENMRBUMBLERUSH EDINTOTHEROOMINGREATEXCITEMENTANDADDRESSINGTHEGENTLEMANINTHEHIGHCHAIRSAID MRLIMBKINSIBEGYOURPARDONSIROLIVERTWISTHASASKEDFORMORETHEREWASAGENERALSTA RTHORRORWASDEPICTEDONEVERYCOUNTENANCEFORMORESAIDMRLIMBKINSCOMPOSEYOURSE LFBUMBLEANDANSWERMEDISTINCTLYDOIUNDERSTANDTHATHEASKEDFORMOREAFTERHEHADE ATENTHESUPPERALLOTTEDBYTHEDIETARYHEDIDSIRREPLIEDBUMBLETHATBOYWILLBEHUNGSAI DTHEGENTLEMANINTHEWHITEWAISTCOATIKNOWTHATBOYWILLBEHUNGNOBODYCONTROVERT EDTHEPROPHETICGENTLEMANSOPINIONANANIMATEDDISCUSSIONTOOKPLACEOLIVERWASORDE REDINTOINSTANTCONFINEMENTANDABILLWASNEXTMORNINGPASTEDONTHEOUTSIDEOFTHEGA TEOFFERINGAREWARDOFFIVEPOUNDSTOANYBODYWHOWOULDTAKEOLIVERTWISTOFFTHEHAND SOFTHEPARISHINOTHERWORDSFIVEPOUNDSANDOLIVERTWISTWEREOFFEREDTOANYMANORWO MANWHOWANTEDANAPPRENTICETOANYTRADEBUSINESSORCALLINGINEVERWASMORECONVINC EDOFANYTHINGINMYLIFESAIDTHEGENTLEMANINTHEWHITEWAISTCOATASHEKNOCKEDATTHEG ATEANDREADTHEBILLNEXTMORNINGINEVERWASMORECONVINCEDOFANYTHINGINMYLIFETHAN IAMTHATTHATBOYWILLCOMETOBEHUNGASIPURPOSETOSHOWINTHESEQUELWHETHERTHEWHIT EWAISTCOATEDGENTLEMANWASRIGHTORNOTISHOULDPERHAPSMARTHEINTERESTOFTHISNARR ATIVESUPPOSINGITTOPOSSESSANYATALLIFIVENTUREDTOHINTJUSTYETWHETHERTHELIFEOFOLI VERTWISTHADTHISVIOLENTTERMINATIONORNO

Ciphertext:

MRFLXLFJOEAJJFEEDWKLCZGPLNVROVHXLIPAGLPBAEGGCRKKJBVOAIVKEMSZZLGAFGXUECYB CWFHINXYAVAVAMHWHTAKGYEEYLBGOONZUGCZKJIOHAVVYCUHUCCRSWMQRWXEOFIVKUYI KIJHFAUCEROEUXGNVFUAJUCSGLWYLXABNNELQHHOYBVRWSYHRBBWPUTBNPZDHHYJHJZPKIS PPMLHXMKRLKIJOHINZSRCMPSJBHBLWIOKPWWALBZVRCMPSJBAMTSKPWWALBZVRCMPSJOGYY AZRTQQKLGEOGPWGUSBACKTKRLKIJOHINZSRCMPSJEAMXZAYXALVVPHWESBEENZJXTEYHHTM PLZQLKVELHPBNZIDVIOEOPBWSABHALQHHTHQACTFBFDOCBOSFEEDWKMDMUHGZSNOGACYAG LBBUELFVGVVLVRAUBOMDLAVVVHAGBSHLGUIARKRLKIJOHINZSRCMPSJZXXPAVHLTBLKOUBSP NKBSIMRALRXPHWESPUHBBMBXGGALXSKPWWALBZVRCMPSJUTORSZISBUFTKOHVSSMNQLFKR RWZJMIVHSVXREPVXFDPJYCVISZLUNIIOIURRHYMEKHYHJPVRWZXZHHBPVISXTVOEWKZTDMOH FUTBCINOEMOKIJOZCGWXZFQIFPCIWANQAZSWJPDIEXRKVGAGFKRVBYXPXNCIERFZSSNPRRJWW NJEZFSZTPRHHHYPPKGIZLHWUOMZYWTISZEHVVFWZRRYHTWHMOBMOSCGVVRDRPWRIGRWJGO SAZVVTAIFVWHCRALVVQXIVOKYUNULRXNUHTRKLRIACWHIECAHIIELRGGRRJNPIZIEEPJIIDLJJA TOCIYLWMIFXPZGXEWVKNDPKIGVFHRGKJOFGZMFSESBLSEOYASISSHIIGRWEYHTLNYDEIEFKPPC ZQAOALVWHTOJAZIXHIIGRWEYHTLNYDHABERZLSIPLTOZOEKYWVRUIBGUWYGIRZEVMWCDCNZ PDTJVELFDCBPSORGSXGXASEHIIGRWEYHTLNYDFYVGCUHWNKLGCIBLKZCVHZEGSWWFSUAOZD OHKRLFUXGWFZBTHMGZVMHFPPWLVPJIIDLJJAMSLAKMSNKTIIFRTIIFGSJPRUMBCGVALRMRWDA RNXSWZGHKDXUFQKNZUTLVLQUWUEUDVHZLRBAXGLPAVGJVRVIEXZQRDYEVNHBWZGHKDXU FVHWGVSJJGWSJSDHYSPGXRHTUBHXKUXHXKITAKXFUTYXKJXRPUWXSACFWBDLRUHKUYJSWA XUSNFLIBRVBNRVLLPRXXSZBIWIRZILVECGXVSETHMJRGOWCSETWYOCESNAYNSPHNPATZOEEG ABRTRGCRZGGSVRAWUXKJAKALVQUFJZREGSOVQBUKTBPLWERATLADHTXWEUWXXPCSGLACO ILCXVZZFKSJRNICDGMIRRKOTEKMJTRKIXTUBLZHVXSSJSKLVPFJHPIOCZQDUSOLHYCGYOEMHM EESQWIIMJTRKIXTUBLZHVXSSJKWVLRZHUYEDTZYIOKRHFCLRAICLLEISZFKBFTRZOMTZXKTBCS OBXHHCGKAGLJNOOHIVBVXDOGWWZTLSZMEDHDEESXOAWNSAHLYCPUPGFORKCNFXROOGKO WSWRYWNGWMUYGOBKFHMGYIRSUTMUAWPPLNYIIIOKMDEYLZKSKMIGLTLRVWVDMCDTIAJSC VWGSLBVZOEVVAUTAIYRIYHPSIIUSADLRRYRCVDSRNNEAWRDSHKQISZFJFLJKRWASDANXVHDC MZFLYALHWDXHTHMGZVUAJESGAOKISFWINHSOKXFLFHVEFJSOILVMJTRKIXTUBLZHVXSMGTIO CTJFHPJXAWSSLSLYCLIRKWGKETZRUNIMIFEEDWKPWAVXHINHVPLJZVVDGDQZLSZDMDUCKYK OLEFQUTEPLDXWXUHSSXYEHXSEOYPSEGDZXVEDGKEFYVVVXKFQJQVLFKTIAMDLGUBSHJHLNR UTUKJRWKWZBLLHYMWFMBTGZTSPWETAZWKBQZWHWSEMDBFYBVRKJTRIOXPYWKBQZWXWP OMYRWGXXUDHGWVGCYSTACUICTMTPGEVJHAAYICHSPXQULSXHYGSNMLRVBAHXZMZIVSXFM FPVBQZFEHMJDPHLQRTTPOZZSXZEPRYWKLJWWDRJXZQPXUCKQMVRRTLTOEMWDSWICRGFJBEP VQQEARWAEBDKUMQMYHAGZVHWQALLVMJDICIUEPPJXBYKXEAHYQADFQMUXXMFYPUBGSDV BMVEEKHYPUWBUEKEEHZHXYIXEWASKLHYOMOIWSBALRVVXCEUXRJAESAHDVABVJIKWQPAD TMJHPYRDLVRPHWJSIEEGFQXTOEYLBAYFQCNEPPMFMMEKAGYHKAGKJSFTJPFVSWCYQDKYOWS DZISLNRWIVYCJOVOWBDYUVVGALCIOKXHTFEGGKMNDRMMETHIXCRWPTWBWFTZGIDMVZLEG

ADLVRAHTGIUESISOIDPOTLIJGLOWHMAAVYRHMAICAVVMUEPVEDWIXNYKXEIAWCNPVLIAETW XEUARWZBGVVIJGLVIJGTLQAMPJZNXSTTCLVFGPWVZRGJINNKTXMEAGKFAXOCBPOEPLMIXXW MPRBFALELJASAVCMFOMLEVGINPUMSEXYIRKHZHUWDRKPWWIFVWYAKBYCVNSVPOCMPYDWG OZXTVTMJOOLPKVRLCXRSMIRVWFCNJXDOAUXSUGVLFMXBTTWVBUCIEVMFARTIKLIVHAACGK MNIGKFADLHFTBKIRXMRJGJIGZKNIGHRTHHUEGHLAMFSFRWRHUCPJTKPFXHHQSKTIWCWILFAM WKOXDABSZLELWRILRFRWFEORIMUAGSCNULAUBUAVJMJZQFLSHAXLNYHMSSYQCSJNEPILNQH XKEYDMAICOYPLFANJCODQNWLPAWPCCODOKIRLRMLZTRKPWWWRVLLZWUBGKSHAXLNYKZP WBWZZYLSIOEJSFIOFWLPHFGTYHNODVSORLSSMTIZSONGCXULMVAFOZLWYOKTESDRXWNBSDA NRLZIOXTKPFXHHOERIIIOPFXTGRCMVWYUXYIEKMEKZVMPNBSHTLVHHIIAAEKEAHCEENOVZFE UHZEAOSYWDLCJXUXYJHJAAGPKYEPAICHPVYAHHWPTLOKPMACVRVHVBRRLIFGXBSXJTXWAPS LRZBWEMXYEDANSGNACYJLFIOXRVOOSXIRLCSXIYSOWZNOIBWELLVIITUKNTZOCHNZJTFEEDW KLJQFMZOQEMOEIPYVXNBMWGNSHTQTWIYGAPTQUVUPZZOFHETIGXBUDRCGAOEBHJXAGXUIC VGHHNGVQDWJAZCTCKHONVTYZHISYGPEUOKROKCELSIQGHRTMAAQKQWLDVFTOATHSGSZIFG QLJZUGLXVFTBDRFDJMIRKUZXHSWPTKPOLNWNZJEHMAYFSLBTBHQWAANLAOGRWLDTYIVXEK SIBLXSXMHFPALHNPVLHZHCXRUDEWKVTWALQBYKMOAKCHOWFALDIMTRSMBNMVLICLLDCQF NAIGAONGFOQEMOEIPTADLJBXTSTTELPBEAQPHIETLFEXREJPBONAUBZOQEMOEIPTUGHCWNVRI APAXKMIQAZPXKBTSGGZLLTATEHROMELCLTLVVRDFKPMCYAAFMHBRXESHGRKQNGHLAASPLF PFKXZRIGTBKVVWBBUNEUBUHAACADLVLNVAPEGZHLOKLNOPGOROIRPSUUIWCTIHLGNGDLWD SBZRYNAJRNNBHVFQUKEKNZQNZELTETBHKPGRMRQTKCVTNZIDOMMRAXHYPXBSPALXDCRDXD SRELHBNIHVIIXOEWYUFOIRNCFNTFMITKPFWTUTZAGXBJCAJHHBRZWVRIPWHDLXUFKKITGRWIT UOWRKGGJEEUAULSKAHBSBOHBMKZIGNCFMUSDEALDJSUDZELTRHFMPEAZXZUKHHFBXOIHBX KNGKSSQAZSHTNBJPNTJIIELXDWKWLOXRSQGZBOLLUCEBEIFIFLVYXYEZWPVFDTPGVGSMSCGKT NLNSSUHIDAYIOWTPOAAPYDRHPIMXMCJPONCFBAXRPHREGXTRAEORCMWYPSFOHFAXPOIINCFO MTLJWTEASAGPAPHBOETPQDSZVULSIQGYVEVDTEHACUGRBUOLCILVZSPVGLHSREYWSTTIGIGIY VVQROLFSZVLLWMXIOLXNEGMMAPPEBVVIPIVBIFEGUSGWFKOEWSUDDLEAEXZXBXIVNDKRLNP YVKDWRQERYVCNKJOPPHTAIEXQDSRHQQTCSSOIEEHFUWLFWLRCSFWMKVVYILHQQWJSUDZEJG NAVEABHBSUFNAJHYKLIUVPWLBRZWLNUFQSIVHNMOLLTRBTMGGTKXVVYIHMBUKHYAHTBLO ONTVOOPPIVRBSYHVTHATXGALGTMLAGSUSHTWECYMLHWALPHMBFIFGCHNVQTNUXAIXHVOK MLUTLVHDCOVJSTBENDSZJPCKGZGSUKNCFXATTVDZLPFURAAVCYPGCQLIGDWGWTAOPYOEPCP WOSWVBLDYCKASGSKASXKBNHMTIBLLVFOIFSIMLRLHTYXVJATAIWCJDUIFLJIKECAWFFYAGYSL YARWPOBMMFHTKPFHOBZYWVGBEMOQFBXZXWTXXJPQKULZDVGTCCHLEHZUMOTZEAZQHVZR TGZSYPNCFADBDTOEGZXAPGUMLQKRIIHRITPKPWWOWNAJSWXIYEZLIJGIMGBARZYFXVTGRWIJ NEGXDLCPHTIFGFOYWSETIGCPWWRZDBAIYFMKEVXZLDMIVKVGWWRZOYXHLBJPYELGURACSL MNWORZELTAGLHBAKCOMIDEYKIKANGRMCWWRZFLTERDXPETDTWTVSEFWOPVLLUSLPMYJVL ONCFNTBEMPHSHVHYSHRWJIGKZYMBXHJSCWMDSRJTYGKMLUTLVLVZWFOXWFVCKMBXHMYH CMDALGHQAUMACNIFQXYOVHBCAQDZEOUTUTNMTANLQIEPNKUCJNKNCFBMELKYEDTOUIAHN KMSCWHBGFZCTZGWYECHOJHYASVPWWJBMCQVAEUCHKMZPODGWSEHCSQXHRRIMNQLXIGHL VHXSWALVVXYICHBVHHEIPZAPWXNWXLZEZORRCSMVHXYIGDTZETTZZIZMANCJXMSWPYSSWW NEAWJXXEYEXSIWDRPRIRQUNZEXARVPTAVWPPGWWAFMKIAHZSVRVVMZXZWZKMVANEFFKM YZEMEHREYVALVFHTKPFMNWZEAZTZLHMRWZJRNTHBRXZBJKGCWQBUWOQVSLSGEWFGVHBR OEKWRFVFWTZANGRYHZQLXTRZQLGRJSWFVCDEQKCTNRRPTUIHNUSIUEGZVFLNADVICYNCFQU QPHBZDQKNJTAYMZJOUXOIPHKZTXVRLXWEWAQQUDPAYHSSZWDPXNEQHRXIQJPRRFKOCBOTO COOCELAEGMSCCHVRIFVCDEOKSFIYHVKMDLHOOASIVNMLHOFWAUPFMTDIOUGPOEBHPNCFMY JWIVZWHHRAHURIOXMTZFRRJIEGZLDTBIHGHQZGZCANEHPKEPJFVQINQDZEOUTUPWXMPXAIBV BSPMRZFAWWRBYNWFOXVPVNJWLZXEKUVXMKIBVKKICLJHGPQGBARVMVCJEBYZUKCELISUEID XLPLKHASIJCBSYZWZOFYJHWNCFHAULHECINRIOSECGSDZRBJBCPNCFOMWTRCHDAEONPLYITKB UAOLOAIIOKOJZBTOBWBSXAPVHDIGUMESRVCJSJZMWOOXJSUDZEOTOUNZUCAIFRRMPGXRGLSY HUIFJYBWRPFHVTSETHLAYXILAUKLTKAVJOPPCPWQSIGRYVBTUYWMLPHVHAALKVPHQMALPKH EOACHPUWNWECUZSOQMGVOWELHUDNCFWAVRLGRHUDNXFHWUYWMLPHVHAWDZRBJSUDZE HORFHPWZNYLOECEEGOPTBVICBZRTNPVFHTKPFAHBTXODFIMAIVBEOSSEEWOIHIOVMXILPWYB YXVJPBNZIACJMXBBIIMPRUZXZWFOMFXEQBFIASYQZHJSRDLCNBUXUETYFNFFXNCFLQQWMVHB CAQDZESESUROHWUIRPGBVQETQLCFFCLSBBDKROXGHKBKECPGLFOGWRPAFVOESYAVBDRVBB OPPSBYIASCHVZWNEXJVWGEWHJWTSNNMXLBSHTLVODWJLPRXRYZEAZOHVZRTVCDFOFZAMWS BWYRKEBUNEAXFLALLCMFMLVMFMMEKHKWPKHJCHQAPWSSIEJYKSZFXXZSXUWVDXIUOVMTZ SJMITAVHISMRXKZIVWFMPLPHMPHRFKYJJQJVJKSIFQDJVVKCTIJWSSOFMKMSEBKKIZQAJBCPNCF UBQCSVXCXZTVBEZSPCSZXPCNJRHOKCOBUDENLQAMNRIFEMNZEZQRRFOIJILKSORMKSCYTZWO DHSDTLHKPLXABPYSPGZPHJCWKRISUXLHNARVGOWGBBZPXUCTYHNFSDDZEZODERDMWKSSIK WGDIDBGBNQCZUXEQZTZEDAKZQRZEZQSGVYVWWBYVKLGHRJENTRUEIWVZVSBFCERCOFKOAI

EAJDMXYHBPRVXMXEWESZESZDURSJDSPGSEOSOHJRMIEFBIVHWNEBIPBVGCGFMKANMVLZEJHT KPFXANTRZOEBNRSUMHPVNIVGBRIPQYOMISQRBSHVOIEZTZHTHFTHPENAESHTHZHFEEDWKBOV AGMQRIESJHTFRLBUZHSQITQAFAMDXBLIUBFKQDZEAZFYNUVSRHQZYKMXVJIBBXFXDMVVKUIT CWUIIOUYSEACUBBTJLGVLPIGKAGGNRNSKRSIWINEUUSBTVODTNROLVCPKSHACMPEJWFKHJEN TUWIFGUXOLAHGHRLSHGBCCNJLGVLPIGKAGGGKMZULAWGDWKDUIMMPAGLDQALVIKSSHEPFU IVRYEQVREMLRJHVHUWDNKASUTYBGUTYQKWSRQVIMMJOFQQILZARLVZVOIZRRCPIGOETWVC YMJYVJMJDPGNSAPWWOKDLRHNWZHBOMGAPWDGLLXKDWQXGERMQRHECARRZVWBQUKAAN ZEJMIFRUHMJLDUHJPNNVLWAIKAARVLIGXNWEYWAIWIUARHOVNFGDISEWTXNZRJHEOBTSOJSF SZHZXOUYIEMRYGAXPTAEYEALFRTKPFHRHHLLDWASNGHATYBVNMTAVIMDXPELVEIOLANEHV BRZMGRSXUKZIGNCFCYSDQIZEOQNNZASHRRSBXCNBTVTVNRHPNBPIPCBPHZFECHYHPRLAALSS LOWMBTDACOBXILUIYXKPAITZILPWASMBJIEXLUIYXKLVOOASAIZHARWYWXPTACYHJRUAZBUE AHQAZVPHBIATRIIWOVTIESSLEEMHQDEDHRATKIXBWVJXUHQQIQEBPIHNEEELGKEHLRALNOSZO ZHUMHQGWNEVJAJSZAXQNILRMNQYCOICKIQFQMIRLZRGYAIYEAEISKKWRALDJSUDZEOQLYJAP WDWMOEZEJHTKPFIVLOIROTBKETEGLZEWENBLWDMVVFWPKAQCEXQVUTEWZTANTMBEPIEEW ZTANTMYRQNEZEZQFVAPWMMQBZLKLGHRJENTRUWNWEUDRGOOLZHFMMDRXOSEGUBCHWHC FPPTWELQRMGOISSTYHIOVVGLTZVPMGIUFWUEYXVPMWEJSUOTQDPRACNZIPVUNIKVMZSWHYC GYERRGXLPXVBMDLLZQLVPVXESDIXTMEEXVVOEBZYHIBNSMMFFPYMOWTPWCBOKJSUDZEDQA IVYKTCMEUHTJFFHTFHGNYPHHYFAWNIFSIQMENHVLOEAHLTRBTMSLUGGHGRNJLCZMLVQITXFH RIKHBKQTAAUKTBWGGUBALJDJMSSDJENQVYEZRNVHMGXSXLVDSMNUVFTGUIGGMQCSJENGUM JGOHAYKZIFESWPRKCHTFPVWECCUMNPPRRODCSGXRKFXWUFROWSNOGXOUVAZSGAPKONGZP UVRFDIDHDJSUDZEGXIIRFXIYIRNOZAHJQDSHAFPRIVHLWMWAHFRMDIFRTKPFSNWSIQUTPVCUD BYEPRVRIFVCDSQAHXHNUSIPIMWCKCRZYZITUWTHUSAWEPHIFDIDHDJBCPNCFCZBXERRSFILZG BKGJZOXIFHINESKULTPGURMVSTFXDONSHCCUWRTUWTHUGJGUVDLUJHKENMTAXVEDBEISVEU IFYHHRPOYGHRENXXWACRXNLVSCMOMGNSYLAFZEOTOUNZNCABHNWGEXOMOHTKPFWCKLMJ CUDERSFKWKAFNHOZSOZXRYPAFWBAPMBCKPOZMTWIHLGBUAVIUEGQSRXASVSGAEAWAVEYC EVLJTZLALFLTXLNWPSSSMSBWRIVRAETUYHGRKCHPBKGFPHWMOSWXSQPBMQECCAETUYHGRK CHFRJWDCIEHTZRYBTZFDMRZOPXNAAQGXGMZRTJWFVRAWJVFYWNLVPOFAVGPYBVHBCJYPNC FVGUDLFFEUVOPLPREIELRMWSKSNAAOWMPUWOTZVGREJLUMIRRIFRSHNOGACYTHBVRVVBSH AVCYJYGBRCAKOSSENLFDICEUZIUSHWRBMKLGCGGRXORESRTTJNRXZNSKKCMNZXVKRXKEZXS BNZGKILOTSAOVHREJLRDJWGFCOYUCNEXDFHKXYJPFRASDOJEHGACDBRTFZOFXMLAZYLKWYU AJVVCROKMNPHLIRPUJEMVERXGJWILTSFBKBFLHMEFLHNKCERTBFFJIIHFNZDIUXVZCOVXLPNLE SZNOPCLZUWQDZEYMVRUOMVXOWGSTURYEBEDGQTRNFAZAGRHPVXFHIIXVZATKIDTJVELFRVE LBWVGEDNFTIOIBEHBXTGHSFXLWYPWZGBPVZSYXWGSLGGUFFQUKEFANSGASZVXPCKRLKIJOD WNZXDMLSBJIGOJTIOIJELIVPNULSUDGKEYLMAPPJKHHRDCCPURLFBZWCRXGUJIHVRHLGSMVHF HINXYANDXKEJLCEYIRZVKNCFZDPXXMVKDXAGDVHAQTIZOSDIKUIBMBQAYZQRNZFRYYLRBQC EUYMBLKPLZOXKOHVQUQVWEWSMIFBLJAELYRDPWTUHZYKZXJHKGTVNZCNLOLQUGZIKZPRUQ WMGJBLJCGMAEISZTTKGROLIFLTLIUHNFAILBODVHTUDIUELDICMMAPPKHFAEPWACSVVAVKME KPWAROSIWVAYKBZPVTEXOMLZXYIRDIFREFJFVPLIJPIUDVLZLRNRJAEKARWFEAVEGJUAWZTUM DTBRWDQAXZWOEXHXCZHEPKZOHOOEVLFTBDPRVVBSHUOMLULMSRKAJTZKZXYQDWFKJGQNC FQMMVIZOYGMWVYKVZZEFVJWLCQWXDPWEBGIFQQMQCDOIMDNOEGZXATUSLDGQPGNUHJWTI YYXUPXLMGFLAULRXCUZVDAIKBUKEGWVJIIHFDUPEIRULOWTQZZJWTMELAYXALCNXYILAEIPL XHVCCMVXYILSBUXWVZBZEKZCTSFZPHENCFLQUFVEIWPVECEMMVDBELWSACSAFHGTXDPVWU ZZXZJHVFWSKEDNPCAEBOPSFZUMUZCPVCUJENTRUWWTOVNOIXWBEMOGGAOTVSRNOAHLTRBT MWOIBSVVTTRRNWLHWNVVRYESUNKRAHEIQLFSLLGIFSIYRFABHRBPJXLVJBALENESWKFESWKT KRLKIJOHEOSVTULOWTRYCZRNURBRDFFHRFWNYTQQAJGHQSELXHHFVPLXUCYWYIGRQTNVWN WPHGQJTIOIXYINPNIYZNCFQTPSEZOOUDHKHVPSYLZFCOLVVOKLSHAESZIWBALQNSFUEEIWUEQ XHLYLGKSTUVZDIEIUKAJDOWGYWVVLVKURIVZYXKHBFALBHTYHIODJDPDKWWIVASWPHXORO TJOIFMYTFVBABWKAUKBAHIWGNAQMEECGIRPNJHEWTLHHSWGMRACYEVNHFHPVXBZIMHXOSF OEVWFHINVRPHWIALASLNVXRVLWLLTGGAMDTVZIYNMGRQYESARPQMVHXSYZMEKRNAEBUAY LXVYXOXHIRHNZVZRWXFVVJRBUSAIPRHHBTMGYTIWHDTISGTMAIDHHPIMLFBSMOIGIDNCFAM WPLOMVXHXANMHTVRTKAPXHKEAVHUMLQWNOXVEMETHVPUCOGKEECGALVPNVRXPMCUXV UMVMCMXJIIHMGDQLOOKLUGUMWXECBQZYRQEHRGBKFMQAWMTNKUEHHZZISHAAIZRGVQZY SFQAPKYXSZZLGTRMKRSTEKQRGHIDIFEXKMFOKHCAJRHUOOETTUSITHIVJMVTHFUSILEBEIVMN TRDZZCUAZDTHTPVIHBNLVYBNHRKALRRLAARWSIWRLIRUCTZNSQAKRCSTEKQNGHMFHNRMKF RJYEBISXSDTIETWVSUVAUCTYHTOIUEMMJOFIXJGIFMZPWYFUUOHCWWKOPMDFSVMLRVWMLA KOXYEEERXICQAMMEPVYMLLASRBWWEVQYRSJBGERCITKKFNTUSIYOSEYSOKXFLBHAPBUCPLD MKAHTLUVUKFYAYSBYEEJRRZEOHGAPKONGTRFHRPVZOGOIOYOSIDVFHINJIEGZYVVKKTXGLHS BZOXGNYVFOSQUQNGJKQRGHLUGUIHLGOUMWVLUNEVEZEELEOHTKPFKAYPLOMVRVBTEEHTW

FVAICEAOOPKIHLGOUMFVFBTGJCMDSUENOSUMUVIZUMDRZEORVFWZVZLLJARLOVASVWHXAV ZVHQPKRVMTIQWSEEATBGLKQNGTRMWUQGESHQLXYOILLCWDAWWIVHJKODWMWQSSHACJWP ATCLLIROQNAGGNEGPAAFVPZALHIELIMTGLCAABUDAPBQQNPBWETZMTSYKEJRRZEOHGAPKQN GTRFHRPVZOGOIOYNPSBVYBGFILHIWRMKSYHFAYBIITHNBZHBPCWKYLWOLWPOAMKBYIGICZZ RTJWFVRAWJVFEPZFFRPWBTMWDIYVCFOAAVYCHLZEEDLZEOHGAPKQNGTRFHREUBAISHQLXYO ILAWGHLHCVAZEOHGAPKQNGHLAHNZZDVKHFUWBWGDWLCGMKSYHJAECNISLOMUSWOKTSKV VDOGKXYAGBHBWXPSVNSLKIKIJHFMBTQYKPWWDFVLFRILXQGCPVWHTZVHDWQZHFHMZTZJKF XBGKSTRPLREYNLYHUTVWWHIWMZVTVIZZRTNPVKHGAPKONGTRFHREUBAISHOLXYOILTPRTHB RVNFFMLQRWDXNYWSXIYSOWZNOIBEUAKAKBLWVVYMRRIIDFWJRIWMZVNTDVGVIHEWMIMRN POSVGJETIIQRDKYRFIOKTFOBKEEUXUXCKQNGTRMGECSFBFCHJVBLRVALIDITFJDVHWPTAVDQIA KMTYEOBHUKRFTROSHYFYZNISUNPBMSVPRVOXASVPWLSUDWKEPFLVFRRALFUCGAPKONGHLA SCKRSDPGDALSMGYOFMPKCHKNGFCYSRZBCVNTWDOPPELEIZFVCYDOVYNPBMSVPRVSGLAZAE YEXLFPWWJUIGOANFWVVPRVLHWISHZWDJFSIYTIHYHSWOPXKJDVHWPTAVDQIZHBIXROXFTFSY HHZQPZAPQIUWUXIEFNNTIPOVGHLVBRWYBGKMHCSDXSTKKYSLTSWVMZLGFQXVFVIWIDEXHX CNWXDUTKMAOYLYUFLVFXPLRIGXZEZHWMETIGLEPXOKQNGTRFHRPVZOGOIOYUVYWLDZZSAT YUSVOPDCPSWWHOWIDKCIAFIBEZURGAVDOVDWZYCORGNTKHWXKSCGHVTLHUIEUBAISHOLXY OILYOFTAJOFFIMPOFJWAOYJCGVYISLLUSIKWJYKKAVGNWWAXZMACPWXDDNIHJCHTAUYNCOQ KSHSCLSPQFMWRIUMCSFBEVAEGKLGWQFRQYBVRPJTKPFENGHESGKANZNYVVLXRNICWOWLYK UEHAIJADEIHKUEISITHYOLJILDYHTSEIIVVJNWHSNFGWWJXDOSEXPJVVXLVZGYDBCLNAHEOYBV RHJGKIKPNZWFOEJYZFROZSELOXAXFPTTNWIGSADXFKRSXDHZSVDAWJVFSMGMKAPPBAHFKAA OMNLEAOZPPENAYKMCPNVXLBNRDLMPKCHKPMGMGSEDDOWOFYDYWGGKHBFALBHTYHIODK KHTYXYYWVCRPUITEURBVHHCBSLSPEZQQUSVCNKALYCFMPIKJMESLAQMHWKUAEMENLFMAH PIZRTEZGLZSOFACJJZHLKYSSJUOGXZFSATKELKTKIFZTZOLPHWUXFIIDWAGXYAGGHHZVXSRVY AVPWVKVBWEVTKMPDHVXSWUOATMPAYPAUEAWDLCPTTIRQTGVGHAYZETAXMETBHRGHBVRP CKRLKIJOAVYQJHBRBTINNWCHVEPVNVSNKIGOIBNBLBQBCFVVJSPPUUEQIUPSXSYMJGROLVTRH YTTCDCTPWZPHTBSXZILIKAGMLRVVFLCVDQPWFZNRYOEMTXNBRDXNBSAVGAJDFHYIGQZRWJG DALSZWRGWCIIRPOIIIPHWESPHAAUMVXNETDJBJIRVSPIMGRWTNNNFXUBRNEEWWUPCHJUAAXY EJPTYVMYNURPLVFKBELOYRGDDSCRSZYXUZMLQEAARWIEHPDAJLCONMWBUXCDCJKWKHZEJR TYHMCOBLYUJOZLQISNGXTKAIEKPLEWIESSBWEZGALMVAWMHYQYAHJEKSEKPSATLTZAQGNZE OZRGHBTIOSLAEZPALHFOBZLVXELXYUEEESPHOCATCDCTWVDFPVOOPPWOEVPMLVNLMMMRFH ZOLJMNHBPBYCGAHNBAOSOLBPHWFRMHYIIGBLTXIEBWWBPVKUBBUGCPUICPHJWPXZWPBNZIV FVQEELJAKEHMQEHBJWNPWYPMDQLCBLELCMCYHUXPCQGXUWKMLWDMPHMLVSOKOJPCCKQH BLNSBYIZCGPLECITOQIULLRSWWNWAZTUDYWKUFCQKBWTQLIGIZQJTGTMSMTIZOGUMLWJIGA YEYNIRLWYWELAJOLTZHIDSHHLLZLIHFLRPWAJTSABLKBMYGUUCHIWHYJWGPOAHJOORTSMGO AJHLKLSDYOWOOWGFYRFOMGKEWETKIYSRHETSRRYHFHRPKBZIRJLZYMNOLLOGHPRXOIYSAIJV FNRZNRXVRHIKSGJIEOWPIDWKQGZEAQUUWMVWPSLFETCLGRVNXOKOXRDEICAGPPNBROKHRW FHFFMKCFTQPFFZQDGVWTOTMBRZRARSIRFGUIJGJIUWXHXKOTEGWBDJNKYWYIFXWVBBUGEHA DGPGMZRVFSGHIOGYGOPDJNZUCKLXIAZOEUCICJNWXGWTTODDAEBSCYZTKXFLRHMVJFVXRTB VXRCXLBGTKTQDDAIIJDRKMFNDOZKUMDRKUMDFHKTEMOTALPFVBZRFWIQVBYHMEZGUMWBP YGCPCEAHOEKWQWVWYYLIWNUHWVEHWLXHOZXTZGTMGKLTIBLLAAMXWWUGBRDFAKYADD GDOXKSUWJLMKNMMFIIVHABHRBVPYTYGRQXELWDMPVKRLKIJOIINLLFVHTYHXSRVOKRXLPOQ KKQEQEQPLNDCUVVLSVRAWUXKNGUBMNAFCQYGVBPKCEPIWALAMSOEHIESFAEWRPXXMVKA KRLKIJOHBXLLETUNLPGEXXSAGIKPGAYVVKKIIBTOTJCGELJTZKZXXOOEHFBEEOSMLJOOBZVFEE DWKPWAJXIONVHFVZWBLAIEUSLMZBUDTBUYCLHXSEIMEOFZTPHWIEQWIEWFKINLNDVSMNVTG GARSIRFGUIJGJIWSVYIIFGZRTZICAWLVNNNIILBSPCSOLESEAHVLWFMVCGXBTIWSZIXBUKKYHAL GDCYHPDHMEALNWIGSOWMTZBSCVAJCYWESFWHWMCFXSCWEPHWBVZSZKYOCLEZBBOFFTKOJ ABXIBONXAYGXKOSDHLNXSFHNFIIEIRXSIYMKIJOPBGSXMFSOMXZOBTLDMYLSOXSPPSNWIGSUC HKZEORTYHXSRVLJITWBNWKWLTZMVGHTMEKVUKUPOMDVRZAFFCXAHNEXEOWRYEDTFTIZTZ YAPTSLYWIWETOIDRVEGRBYXBIKBBQMPOMOHLAIDDJXWJHUMFSRDXEOAFDIHUJDLKWSHYRCR SWSVVTWVJOHRHPPHJSKFFABHOPPROTKPKUNLPGKGILLMUOEDHNFLAGKXZBAAIUHUKSUWFXC FMTKVOSYJHECLLPRFEMCUVIIAJRFMBURSJQVTXLPSRVOFWQPSGNUEWOYVLFLBRLFUWKTMWU EJMANAOEQAAVOXGYSGUAFEIUNUTULOWUVVOICVWIGFWLPHFGPSWOSRPJJEIXVZWNLLLJGLO MOURZTPZGKWSOBZLQZBALFDMBYLWSWEKIWZYLAMJDAVRCSNOVRATDEUEAWDLCUTKTCYF RGOVIHYUWRILZSHXSEWAQQUJLDGYGSJOMXFMVJRXRSSFVHVRKQSWAYOIIERLESCLPGWLSKNI BGPSWUVAJOHBPBOWNDWSZBFZAKBUKCHIWITKXILJQKALSAGYIYKWRWGJLHWGHHBPBJOPPGL VJYUIYHBVZHKFFMMTITFNYRAQMEAECZKHIPGUSPTAHPRCUCRHFMZYXSZQKQPVROTMLREUAF GSVFAVRMVXYPROVWAZUWKSEGAWUGMAOSKCLSRDMOPXDSAKEPOMKNZWWIAEMIRNWKICA QZTDOXNVMSQZYUXXBNHMTIBLULEIGBWXGJEJXHUFFCGUBJCYLNZVGPYCVXNPJPBPXLATRMII

TWHTBZWFEEDWKTJLZBSPRTXSPWACSFCTSWJYIYLVXRKAYKSJHZJPGKXLLFRSMIFIFHZHUWSVF VEXLEOGEHKTMSEQZHAWMBCKSQDCLSCVRQALQZEBSKQVZLYNUGXFGLBHMJLPKYOAOHLXHR STXOXLIFDNEDAWIEHANTIHGILLDMGHYTHXHYBBLYVZUOXTRAPWWHTKOVWTDCQPELUAOVDJ CDRAUHTKLNKOOBTFRTQVCTXSPWACSGPOGMGSELMUPLSVHRVTKEEPTZMEPFYZHSQVVLHTTQ YHEEEHJNAADMVMQJOXEWSLGAUTXUIVWXUTDTEGMVIBHRDLPGJAWHFPBIAVQTAVPMLWSUES ISOIDPSBOLUCOEEFMTNXURJKETHLVHGHHAPLGHQVRUFYLKRLHRLELLFWPGKUIWGDMETCWIO PMHEFVCZCKZQNUPPHDDVXDZPFXUWWKAJOKAKBZVDOFVXLTZDBTFOLAIDAXMIISZITVJNWPX VOLNBRBEALNYKSRREYWSRZRZXFROTMTSWTOSFEEDWKMDMWOXUMRBEEZVBEUKPZFRRZXPC ILASWBISEKVHEHGOSLAIDIFAMJKBVSKWBWPGLZAYOKUGGEWPWZWHSNMLXSJCHIWITVXHTRB XWGAMHMJTSFBKKAAZWUTUKQVXSZQKFPCMFELPUGKLODNLPCRMWPNVWVSLOEQRUEOAJGC OPKCRSUEEDGNEZWVZWYHYXUVADHPGFTSTJNLPJZMEASMSRTSXHVFRRZAIWOHAYMVTETLRX HGYOGKAZNXHZIGYPLVXFHPDPVDPAYIEBFRMDAOSZYUVRXWQBLSGKPTPCZPPZAKOISAKKIOP WUELTAZTALQVZLYUAJVVCXOVWUGTXZEEAXYKPWVFQLJICEXMVHMUSITNELHVNQCLIGGQBU KFOLAIDBSLMEBNVACOBQACVOALFHIQVGMMZZOFEHHRFEOAKTMVOPUBWAAEBXKTCMTQTD MRAASVKAKMRFGFQXTSDELAIDWSLEWWTZEFLMOCMLGISFHRUOKUIWPVECSVPVFTGLDLHONR XXXRXBYSEXBSQIKAARVLVZXUXGZTSPJQBPWWSSWZRSJWQARVWCBQWZEAFEBRTHZLFAUDFJ NIDHYXVCIWITHWTEJLPWTSFBKPEEXHWVRPNSVDHGLLZKVWLNHUHFFRZAJHFXAIKDMETJWPD MZEUDLAIDALEIEGMSMAGYHQATAOQPXKZMCWTDMRJIHTZVHDWQZHFTEVRKAKMRFGFQXTSD ELAIDAAFIUAJXSZAUZZEVXFDPZEUOPXHWDMEHWSIAIQTSCMQPWZMQOQEIETIFDJTRVHCLUIPY YGFZFNKJPVTKPFXHHMSTYHXSRVVEXKMFOBGABRMZFOZROYCJRYSEIONIYZNCFLGTSIUCFASW PRKCHTMEUFQIGKOGIMIJGVMEZHNWDEHSVLEKLZMTKGAPKQNGTRFHRPVZOGOIOYUHILDJLQP NBTVEJLMTQWVVVYFXFCSZUCYADVFEEDWKAWASLREVFGBQRWSKTSIIPHWRKANWRGPFXRREZ HRIHYKRJRVLIUWISWPXZHFLGJYERGBUAVISOEOSWSJMWUOJLOPNBTVEDYUCGUSKDIJWCZZSM QMQFUZELRSJHRZWZMJFMQKLEGQQBFLGSZMGDRULAAGKXHSDLHFGBQRWSRRHVVHJAEULEAE QXHXWHIWIJUAASKTPOPRMLHEGXAEUGLXDZBZMUZHHTZVHQFUFOFNTBEFHFWBMZZAPFYHW HCQZZEOHGAPKQNGTRFHREUBAISHQLXYOILBMBOPBRNHXHFWBMZZAPFYHRVVBJLQPBWPQJR KKSYXYXTUHWLTKWRNIGBNKQNGDSBIAACCIAIBVMNTRLPILGXVAAQHLGWYCEOQODWIXIFHIN SIZEJSULRKSLVFMOVGUHNSBPSZJVGEZHNUIYOWBAYPTTEBVKBZUGNAGKSOFMLHCHMZMRYHX BKIUFMLSLFXVWSLEIMJGRUSBFZYSUTCIHHHINQQUCDLUICZMQSRPOEPREIFIFEEDWKHBNLASMF GKWVFGKWDFKPWWIEWLOMEKHYHJBWMHHTCIHHOHORDIIHFEEDWKPAZWHBJVVSIYSRRBFON BPIOZOESVAWNJASZAATTSRRNIXTIGHIPCMFAQCULSLRFMKWEGSDZZPGTYMIKZJENQFNEUABM MPORYWSCRBHMIAEBUULROSOOLOIXZEOHGAPKONGTRFHREUBAISHOLXYOILTUVEDNGJOOOOV DLHGTMLETDKIAQWYIBLESRFFEXBVKBZUZAMIKZJENQFNEUABMMPQRYWSCRBHMIAEBUULRQS ORSISMTTTUITFAHTUHFWBMZAKUPEOPOLNBHEZCCARHWHYKDGZSPWFAVAARJBIDAXYXSAYX ALAYBAISHOLXYOILXFUEGXOKONGHEERVCHLFZTVMWJUCNTVWSLSDEWDHRIZOIEMLVMFMSW XZBGSTYZSGIMVSNXKSKCCVWLBBVWLLSHGSFCSLAYJIYIGPVYCMIQMIYMQMXBAGRNNOACXA AYXALPZYLSQWQMJJFEEDWKAWLLAPSYBVTWIBHPVZBGEKUWAOKVC

Erfan Gholizadehazari, Özlem Altınay, Yasin Öztürk

Vigenere~Beaufort cipher variant

http://members.aon.at/cipherclerk/CipherClerk.html

Plaintext:

RELATESHOWOLIVERTWISTWASVERYNEARGETTINGAPLACEWHICHWOULDNOTHAVEBEENASINE CUREFORAWEEKAFTERTHECOMMISSIONOFTHEIMPIOUSANDPROFANEOFFENCEOFASKINGFORMO REOLIVERREMAINEDACLOSEPRISONERINTHEDARKANDSOLITARYROOMTOWHICHHEHADBEENCO NSIGNEDBYTHEWISDOMANDMERCYOFTHEBOARDITAPPEARSATFIRSTSIGHTNOTUNREASONABLE TOSUPPOSETHATIFHEHADENTERTAINEDABECOMINGFEELINGOFRESPECTFORTHEPREDICTIONOFT HEGENTLEMANINTHEWHITEWAISTCOATHEWOULDHAVEESTABLISHEDTHATSAGEINDIVIDUALSPR OPHETICCHARACTERONCEANDFOREVERBYTYINGONEENDOFHISPOCKETHANDKERCHIEFTOAHOO KINTHEWALLANDATTACHINGHIMSELFTOTHEOTHERTOTHEPERFORMANCEOFTHISFEATHOWEVER THEREWASONEOBSTACLENAMELYTHATPOCKETHANDKERCHIEFSBEINGDECIDEDARTICLESOFLU XURYHADBEENFORALLFUTURETIMESANDAGESREMOVEDFROMTHENOSESOFPAUPERSBYTHEEXP RESSORDEROFTHEBOARDINCOUNCILASSEMBLEDSOLEMNLYGIVENANDPRONOUNCEDUNDERTHEI RHANDSANDSEALSTHEREWASASTILLGREATEROBSTACLEINOLIVERSYOUTHANDCHILDISHNESSH EONLYCRIEDBITTERLYALLDAYANDWHENTHELONGDISMALNIGHTCAMEONSPREADHISLITTLEHA NDSBEFOREHISEYESTOSHUTOUTTHEDARKNESSANDCROUCHINGINTHECORNERTRIEDTOSLEEPEV ERANDANONWAKINGWITHASTARTANDTREMBLEANDDRAWINGHIMSELFCLOSERANDCLOSERTOT HEWALLASIFTOFEELEVENITSCOLDHARDSURFACEWEREAPROTECTIONINTHEGLOOMANDLONELI NESSWHICHSURROUNDEDHIMLETITNOTBESUPPOSEDBYTHEENEMIESOFTHESYSTEMTHATDURING THEPERIODOFHISSOLITARYINCARCERATIONOLIVERWASDENIEDTHEBENEFITOFEXERCISETHEPLE ASUREOFSOCIETYORTHEADVANTAGESOFRELIGIOUSCONSOLATIONASFOREXERCISEITWASNICEC OLDWEATHERANDHEWASALLOWEDTOPERFORMHISABLUTIONSEVERYMORNINGUNDERTHEPUMP INASTONEYARDINTHEPRESENCEOFMRBUMBLEWHOPREVENTEDHISCATCHINGCOLDANDCAUSED ATINGLINGSENSATIONTOPERVADEHISFRAMEBYREPEATEDAPPLICATIONSOFTHECANEASFORSOCI ETYHEWASCARRIEDEVERYOTHERDAYINTOTHEHALLWHERETHEBOYSDINEDANDTHERESOCIABL YFLOGGEDASAPUBLICWARNINGANDEXAMPLEANDSOFORFROMBEINGDENIEDTHEADVANTAGESO FRELIGIOUSCONSOLATIONHEWASKICKEDINTOTHESAMEAPARTMENTEVERYEVENINGATPRAYERT IMEANDTHEREPERMITTEDTOLISTENTOANDCONSOLEHISMINDWITHAGENERALSUPPLICATIONOFT HEBOYSCONTAININGASPECIALCLAUSETHEREININSERTEDBYAUTHORITYOFTHEBOARDINWHICHT HEYENTREATEDTOBEMADEGOODVIRTUOUSCONTENTEDANDOBEDIENTANDTOBEGUARDEDFROM THESINSANDVICESOFOLIVERTWISTWHOMTHESUPPLICATIONDISTINCTLYSETFORTHTOBEUNDERT HEEXCLUSIVEPATRONAGEANDPROTECTIONOFTHEPOWERSOFWICKEDNESSANDANARTICLEDIREC TFROMTHEMANUFACTORYOFTHEVERYDEVILHIMSELFITCHANCEDONEMORNINGWHILEOLIVERSA FFAIRSWEREINTHISAUSPICIOUSANDCOMFORTABLESTATETHATMRGAMFIELDCHIMNEYSWEEPWE NTHISWAYDOWNTHEHIGHSTREETDEEPLYCOGITATINGINHISMINDHISWAYSANDMEANSOFPAYING CERTAINARREARSOFRENTFORWHICHHISLANDLORDHADBECOMERATHERPRESSINGMRGAMFIELD SMOSTSANGUINEESTIMATEOFHISFINANCESCOULDNOTRAISETHEMWITHINFULLFIVEPOUNDSOFT HEDESIREDAMOUNTANDINASPECIESOFARITHMETICALDESPERATIONHEWASALTERNATELYCUDG ELLINGHISBRAINSANDHISDONKEYWHENPASSINGTHEWORKHOUSEHISEYESENCOUNTEREDTHEBI LLONTHEGATEWOOSAIDMRGAMFIELDTOTHEDONKEYTHEDONKEYWASINASTATEOFPROFOUNDA BSTRACTIONWONDERINGPROBABLYWHETHERHEWASDESTINEDTOBEREGALEDWITHACABBAGES TALKORTWOWHENHEHADDISPOSEDOFTHETWOSACKSOFSOOTWITHWHICHTHELITTLECARTWASL ADENSOWITHOUTNOTICINGTHEWORDOFCOMMANDHEJOGGEDONWARDMRGAMFIELDGROWLED AFIERCEIMPRECATIONONTHEDONKEYGENERALLYBUTMOREPARTICULARLYONHISEYESANDRUN NINGAFTERHIMBESTOWEDABLOWONHISHEADWHICHWOULDINEVITABLYHAVEBEATENINANYSK ULLBUTADONKEYSTHENCATCHINGHOLDOFTHEBRIDLEHEGAVEHISJAWASHARPWRENCHBYWAY OFGENTLEREMINDERTHATHEWASNOTHISOWNMASTERANDBYTHESEMEANSTURNEDHIMROUNDH ETHENGAVEHIMANOTHERBLOWONTHEHEADJUSTTOSTUNHIMTILLHECAMEBACKAGAINHAVINGC OMPLETEDTHESEARRANGEMENTSHEWALKEDUPTOTHEGATETOREADTHEBILLTHEGENTLEMANWI THTHEWHITEWAISTCOATWASSTANDINGATTHEGATEWITHHISHANDSBEHINDHIMAFTERHAVINGD ELIVEREDHIMSELFOFSOMEPROFOUNDSENTIMENTSINTHEBOARDROOMHAVINGWITNESSEDTHELI TTLEDISPUTEBETWEENMRGAMFIELDANDTHEDONKEYHESMILEDJOYOUSLYWHENTHATPERSONC

AMEUPTOREADTHEBILLFORHESAWATONCETHATMRGAMFIELDWASEXACTLYTHESORTOFMASTE ROLIVERTWISTWANTEDMRGAMFIELDSMILEDTOOASHEPERUSEDTHEDOCUMENTFORFIVEPOUNDS WASJUSTTHESUMHEHADBEENWISHINGFORANDASTOTHEBOYWITHWHICHITWASENCUMBEREDM RGAMFIELDKNOWINGWHATTHEDIETARYOFTHEWORKHOUSEWASWELLKNEWHEWOULDBEANICE SMALLPATTERNJUSTTHEVERYTHINGFORREGISTERSTOVESSOHESPELTTHEBILLTHROUGHAGAINF ROMBEGINNINGTOENDANDTHENTOUCHINGHISFURCAPINTOKENOFHUMILITYACCOSTEDTHEGEN TLEMANINTHEWHITEWAISTCOATTHISHEREBOYSIRWOTTHEPARISHWANTSTOPRENTISSAIDMRGA MFIELDAYMYMANSAIDTHEGENTLEMANINTHEWHITEWAISTCOATWITHACONDESCENDINGSMILE WHATOFHIMIFTHEPARISHVOULDLIKEHIMTOLEARNARIGHTPLEASANTTRADEINAGOODSPECTABL ECHIMBLEYSWEEPINBISNESSSAIDMRGAMFIELDIWANTSAPRENTISANDIAMREADYTOTAKEHIMWA LKINSAIDTHEGENTLEMANINTHEWHITEWAISTCOATMRGAMFIELDHAVINGLINGEREDBEHINDTOGI VETHEDONKEYANOTHERBLOWONTHEHEADANDANOTHERWRENCHOFTHEJAWASACAUTIONNOTT ORUNAWAYINHISABSENCEFOLLOWEDTHEGENTLEMANWITHTHEWHITEWAISTCOATINTOTHEROO MWHEREOLIVERHADFIRSTSEENHIMITSANASTYTRADESAIDMRLIMBKINSWHENGAMFIELDHADAG AINSTATEDHISWISHYOUNGBOYSHAVEBEENSMOTHEREDINCHIMNEYSBEFORENOWSAIDANOTHER GENTLEMANTHATSACAUSETHEYDAMPEDTHESTRAWAFORETHEYLITITINTHECHIMBLEYTOMAKE EMCOMEDOWNAGAINSAIDGAMFIELDTHATSALLSMOKEANDNOBLAZEVEREASSMOKEAINTONOUS EATALLINMAKINGABOYCOMEDOWNFORITONLYSINDSHIMTOSLEEPANDTHATSWOTHELIKESBOYS ISWERYOBSTINITANDWERYLAZYGENLMENANDTHERESNOTHINKLIKEAGOODHOTBLAZETOMAKE EMCOMEDOWNVITHARUNITSHUMANETOOGENLMENACAUSEEVENIFTHEYVESTUCKINTHECHIMB LEYROASTINGTHEIRFEETMAKESEMSTRUGGLETOHEXTRICATETHEIRSELVESTHEGENTLEMANINT HEWHITEWAISTCOATAPPEAREDVERYMUCHAMUSEDBYTHISEXPLANATIONBUTHISMIRTHWASSPE EDILYCHECKEDBYALOOKFROMMRLIMBKINSTHEBOARDTHENPROCEEDEDTOCONVERSEAMONGT HEMSELVESFORAFEWMINUTESBUTINSOLOWATONETHATTHEWORDSSAVINGOFEXPENDITURELO OKEDWELLINTHEACCOUNTSHAVEAPRINTEDREPORTPUBLISHEDWEREALONEAUDIBLETHESEONL YCHANCEDTOBEHEARDINDEEDORACCOUNTOFTHEIRBEINGVERYFREQUENTLYREPEATEDWITHGR EATEMPHASISATLENGTHTHEWHISPERINGCEASEDANDTHEMEMBERSOFTHEBOARDHAVINGRESU MEDTHEIRSEATSANDTHEIRSOLEMNITYMRLIMBKINSSAIDWEHAVECONSIDEREDYOURPROPOSITIO NANDWEDONTAPPROVEOFITNOTATALLSAIDTHEGENTLEMANINTHEWHITEWAISTCOATDECIDEDL YNOTADDEDTHEOTHERMEMBERSASMRGAMFIELDDIDHAPPENTOLABOURUNDERTHESLIGHTIMPU TATIONOFHAVINGBRUISEDTHREEORFOURBOYSTODEATHALREADYITOCCURREDTOHIMTHATTHE BOARDHADPERHAPSINSOMEUNACCOUNTABLEFREAKTAKENITINTOTHEIRHEADSTHATTHISEXTR ANEOUSCIRCUMSTANCEOUGHTTOINFLUENCETHEIRPROCEEDINGSITWASVERYUNLIKETHEIRGEN ERALMODEOFDOINGBUSINESSIFTHEYHADBUTSTILLASHEHADNOPARTICULARWISHTOREVIVETHE RUMOURHETWISTEDHISCAPINHISHANDSANDWALKEDSLOWLYFROMTHETABLESOYOUWONTLET MEHAVEHIMGENLMENSAIDMRGAMFIELDPAUSINGNEARTHEDOORNOREPLIEDMRLIMBKINSATLEA STASITSANASTYBUSINESSWETHINKYOUOUGHTTOTAKESOMETHINGLESSTHANTHEPREMIUMWEO FFEREDMRGAMFIELDSCOUNTENANCEBRIGHTENEDASWITHAOUICKSTEPHERETURNEDTOTHETAB LEANDSAIDWHATLLYOUGIVEGENLMENCOMEDONTBETOOHARDONAPOORMANWHATLLYOUGIVE ISHOULDSAYTHREEPOUNDTENWASPLENTYSAIDMRLIMBKINSTENSHILLINGSTOOMUCHSAIDTHEG ENTLEMANINTHEWHITEWAISTCOATCOMESAIDGAMFIELDSAYFOURPOUNDGENLMENSAYFOURPO UNDANDYOUVEGOTRIDOFHIMFORGOODANDALLTHERETHREEPOUNDTENREPEATEDMRLIMBKINS FIRMLYCOMEILLSPLITTHEDIFFERENCEGENLMENURGEDGAMFIELDTHREEPOUNDFIFTEENNOTAFA RTHINGMOREWASTHEFIRMREPLYOFMRLIMBKINSYOUREDESPERATEHARDUPONMEGENLMENSAI DGAMFIELDWAVERINGPOOHPOOHNONSENSESAIDTHEGENTLEMANINTHEWHITEWAISTCOATHED BECHEAPWITHNOTHINGATALLASAPREMIUMTAKEHIMYOUSILLYFELLOWHESJUSTTHEBOYFORYO UHEWANTSTHESTICKNOWANDTHENITLLDOHIMGOODANDHISBOARDNEEDNTCOMEVERYEXPENSI VEFORHEHASNTBEENOVERFEDSINCEHEWASBORNHAHAHAMRGAMFIELDGAVEANARCHLOOKATT HEFACESROUNDTHETABLEANDOBSERVINGASMILEONALLOFTHEMGRADUALLYBROKEINTOASMI LEHIMSELFTHEBARGAINWASMADEMRBUMBLEWASATONCEINSTRUCTEDTHATOLIVERTWISTAND HISINDENTURESWERETOBECONVEYEDBEFORETHEMAGISTRATEFORSIGNATUREANDAPPROVALT HATVERYAFTERNOONINPURSUANCEOFTHISDETERMINATIONLITTLEOLIVERTOHISEXCESSIVEAST ONISHMENTWASRELEASEDFROMBONDAGEANDORDEREDTOPUTHIMSELFINTOACLEANSHIRTHEH ADHARDLYACHIEVEDTHISVERYUNUSUALGYMNASTICPERFORMANCEWHENMRBUMBLEBROUGH THIMWITHHISOWNHANDSABASINOFGRUELANDTHEHOLIDAYALLOWANCEOFTWOOUNCESANDAQ UARTEROFBREADATTHISTREMENDOUSSIGHTOLIVERBEGANTOCRYVERYPITEOUSLYTHINKINGNO TUNNATURALLYTHATTHEBOARDMUSTHAVEDETERMINEDTOKILLHIMFORSOMEUSEFULPURPOSE ORTHEYNEVERWOULDHAVEBEGUNTOFATTENHIMUPINTHATWAYDONTMAKEYOUREYESREDOLI

VERBUTEATYOURFOODANDBETHANKFULSAIDMRBUMBLEINATONEOFIMPRESSIVEPOMPOSITYYO UREAGOINGTOBEMADEAPRENTICEOFOLIVERAPRENTICESIRSAIDTHECHILDTREMBLINGYESOLIVE RSAIDMRBUMBLETHEKINDANDBLESSEDGENTLEMANWHICHISSOMANYPARENTSTOYOUOLIVERW HENYOUHAVENONEOFYOUROWNAREAGOINGTOPRENTICEYOUANDTOSETYOUUPINLIFEANDMAK EAMANOFYOUALTHOUGHTHEEXPENSETOTHEPARISHISTHREEPOUNDTENTHREEPOUNDTENOLIVE RSEVENTYSHILLINSONEHUNDREDANDFORTYSIXPENCESANDALLFORANAUGHTYORPHANWHICH NOBODYCANTLOVEASMRBUMBLEPAUSEDTOTAKEBREATHAFTERDELIVERINGTHISADDRESSINAN AWFULVOICETHETEARSROLLEDDOWNTHEPOORCHILDSFACEANDHESOBBEDBITTERLYCOMESAID MRBUMBLESOMEWHATLESSPOMPOUSLYFORITWASGRATIFYINGTOHISFEELINGSTOOBSERVETHEE FFECTHISELOQUENCEHADPRODUCEDCOMEOLIVERWIPEYOUREYESWITHTHECUFFSOFYOURJACK ETANDDONTCRYINTOYOURGRUELTHATSAVERYFOOLISHACTIONOLIVERITCERTAINLYWASFORTH EREWASQUITEENOUGHWATERINITALREADYONTHEIRWAYTOTHEMAGISTRATEMRBUMBLEINSTR UCTEDOLIVERTHATALLHEWOULDHAVETODOWOULDBETOLOOKVERYHAPPYANDSAYWHENTHEG ENTLEMANASKEDHIMIFHEWANTEDTOBEAPPRENTICEDTHATHESHOULDLIKEITVERYMUCHINDEE DBOTHOFWHICHINJUNCTIONSOLIVERPROMISEDTOOBEYTHERATHERASMRBUMBLETHREWINAGE NTLEHINTTHATIFHEFAILEDINEITHERPARTICULARTHEREWASNOTELLINGWHATWOULDBEDONET OHIMWHENTHEYARRIVEDATTHEOFFICEHEWASSHUTUPINALITTLEROOMBYHIMSELFANDADMONI SHEDBYMRBUMBLETOSTAYTHEREUNTILHECAMEBACKTOFETCHHIMTHERETHEBOYREMAINEDWI THAPALPITATINGHEARTFORHALFANHOURATTHEEXPIRATIONOFWHICHTIMEMRBUMBLETHRUSTI NHISHEADUNADORNEDWITHTHECOCKEDHATANDSAIDALOUDNOWOLIVERMYDEARCOMETOTHE GENTLEMANASMRBUMBLESAIDTHISHEPUTONAGRIMANDTHREATENINGLOOKANDADDEDINALO WVOICEMINDWHATITOLDYOUYOUYOUNGRASCALOLIVERSTAREDINNOCENTLYINMRBUMBLESFA CEATTHISSOMEWHATCONTRADICTORYSTYLEOFADDRESSBUTTHATGENTLEMANPREVENTEDHISO FFERINGANYREMARKTHEREUPONBYLEADINGHIMATONCEINTOANADJOININGROOMTHEDOOROF WHICHWASOPENITWASALARGEROOMWITHAGREATWINDOWBEHINDADESKSATTWOOLDGENTLE MANWITHPOWDEREDHEADSONEOFWHOMWASREADINGTHENEWSPAPERWHILETHEOTHERWASPE RUSINGWITHTHEAIDOFAPAIROFTORTOISESHELLSPECTACLESASMALLPIECEOFPARCHMENTWHIC HLAYBEFOREHIMMRLIMBKINSWASSTANDINGINFRONTOFTHEDESKONONESIDEANDMRGAMFIELD WITHAPARTIALLYWASHEDFACEONTHEOTHERWHILETWOORTHREEBLUFFLOOKINGMENINTOPBO OTSWERELOUNGINGABOUTTHEOLDGENTLEMANWITHTHESPECTACLESGRADUALLYDOZEDOFFO VERTHELITTLEBITOFPARCHMENTANDTHEREWASASHORTPAUSEAFTEROLIVERHADBEENSTATION EDBYMRBUMBLEINFRONTOFTHEDESKTHISISTHEBOYYOURWORSHIPSAIDMRBUMBLETHEOLDGEN TLEMANWHOWASREADINGTHENEWSPAPERRAISEDHISHEADFORAMOMENTANDPULLEDTHEOTHE ROLDGENTLEMANBYTHESLEEVEWHEREUPONTHELASTMENTIONEDOLDGENTLEMANWOKEUPOHI STHISTHEBOYSAIDTHEOLDGENTLEMANTHISISHIMSIRREPLIEDMRBUMBLEBOWTOTHEMAGISTRA TEMYDEAROLIVERROUSEDHIMSELFANDMADEHISBESTOBEISANCEHEHADBEENWONDERINGWITH HISEYESFIXEDONTHEMAGISTRATESPOWDERWHETHERALLBOARDSWEREBORNWITHTHATWHITES TUFFONTHEIRHEADSANDWEREBOARDSFROMTHENCEFORTHONTHATACCOUNTWELLSAIDTHEOL DGENTLEMANISUPPOSEHESFONDOFCHIMNEYSWEEPINGHEDOATSONITYOURWORSHIPREPLIEDBU MBLEGIVINGOLIVERASLYPINCHTOINTIMATETHATHEHADBETTERNOTSAYHEDIDNTANDHEWILLB EASWEEPWILLHEINQUIREDTHEOLDGENTLEMANIFWEWASTOBINDHIMTOANYOTHERTRADETOMO RROWHEDRUNAWAYSIMULTANEOUSYOURWORSHIPREPLIEDBUMBLEANDTHISMANTHATSTOBEH ISMASTERYOUSIRYOULLTREATHIMWELLANDFEEDHIMANDDOALLTHATSORTOFTHINGWILLYOUS AIDTHEOLDGENTLEMANWHENISAYSIWILLIMEANSIWILLREPLIEDMRGAMFIELDDOGGEDLYYOURE AROUGHSPEAKERMYFRIENDBUTYOULOOKANHONESTOPENHEARTEDMANSAIDTHEOLDGENTLEM ANTURNINGHISSPECTACLESINTHEDIRECTIONOFTHECANDIDATEFOROLIVERSPREMIUMWHOSEVIL LAINOUSCOUNTENANCEWASAREGULARSTAMPEDRECEIPTFORCRUELTYBUTTHEMAGISTRATEWA SHALFBLINDANDHALFCHILDISHSOHECOULDNTREASONABLYBEEXPECTEDTODISCERNWHATOTH ERPEOPLEDIDIHOPEIAMSIRSAIDMRGAMFIELDWITHANUGLYLEERIHAVENODOUBTYOUAREMYFRI ENDREPLIEDTHEOLDGENTLEMANFIXINGHISSPECTACLESMOREFIRMLYONHISNOSEANDLOOKING ABOUTHIMFORTHEINKSTANDITWASTHECRITICALMOMENTOFOLIVERSFATEIFTHEINKSTANDHAD BEENWHERETHEOLDGENTLEMANTHOUGHTITWASHEWOULDHAVEDIPPEDHISPENINTOITANDSIGN EDTHEINDENTURESANDOLIVERWOULDHAVEBEENSTRAIGHTWAYHURRIEDOFFBUTASITCHANCED TOBEIMMEDIATELYUNDERHISNOSEITFOLLOWEDASAMATTEROFCOURSETHATHELOOKEDALLOVE RHISDESKFORITWITHOUTFINDINGITANDHAPPENINGINTHECOURSEOFHISSEARCHTOLOOKSTRAIG HTBEFOREHIMHISGAZEENCOUNTEREDTHEPALEANDTERRIFIEDFACEOFOLIVERTWISTWHODESPIT EALLTHEADMONITORYLOOKSANDPINCHESOFBUMBLEWASREGARDINGTHEREPULSIVECOUNTEN ANCEOFHISFUTUREMASTERWITHAMINGLEDEXPRESSIONOFHORRORANDFEARTOOPALPABLETOB

EMISTAKENEVENBYAHALFBLINDMAGISTRATETHEOLDGENTLEMANSTOPPEDLAIDDOWNHISPENA NDLOOKEDFROMOLIVERTOMRLIMBKINSWHOATTEMPTEDTOTAKESNUFFWITHACHEERFULANDU NCONCERNEDASPECTMYBOYSAIDTHEOLDGENTLEMANYOULOOKPALEANDALARMEDWHATISTHE MATTERSTANDALITTLEAWAYFROMHIMBEADLESAIDTHEOTHERMAGISTRATELAYINGASIDETHEP APERANDLEANINGFORWARDWITHANEXPRESSIONOFINTERESTNOWBOYTELLUSWHATSTHEMATT ERDONTBEAFRAIDOLIVERFELLONHISKNEESANDCLASPINGHISHANDSTOGETHERPRAYEDTHATTH EYWOULDORDERHIMBACKTOTHEDARKROOMTHATTHEYWOULDSTARVEHIMBEATHIMKILLHIMIF THEYPLEASEDRATHERTHANSENDHIMAWAYWITHTHATDREADFULMANWELLSAIDMRBUMBLERAI SINGHISHANDSANDEYESWITHMOSTIMPRESSIVESOLEMNITYWELLOFALLTHEARTFULANDDESIGNI NGORPHANSTHATEVERISEEOLIVERYOUAREONEOFTHEMOSTBAREFACEDESTHOLDYOURTONGUE BEADLESAIDTHESECONDOLDGENTLEMANWHENMRBUMBLEHADGIVENVENTTOTHISCOMPOUNDA DJECTIVEIBEGYOURWORSHIPSPARDONSAIDMRBUMBLEINCREDULOUSOFHAVINGHEARDARIGHT DIDYOURWORSHIPSPEAKTOMEYESHOLDYOURTONGUEMRBUMBLEWASSTUPEFIEDWITHASTONIS HMENTABEADLEORDEREDTOHOLDHISTONGUEAMORALREVOLUTIONTHEOLDGENTLEMANINTHE TORTOISESHELLSPECTACLESLOOKEDATHISCOMPANIONHENODDEDSIGNIFICANTLYWEREFUSETO SANCTIONTHESEINDENTURESSAIDTHEOLDGENTLEMANTOSSINGASIDETHEPIECEOFPARCHMENTA SHESPOKEIHOPESTAMMEREDMRLIMBKINSIHOPETHEMAGISTRATESWILLNOTFORMTHEOPINIONT HATTHEAUTHORITIESHAVEBEENGUILTYOFANYIMPROPERCONDUCTONTHEUNSUPPORTEDTESTIM ONYOFACHILDTHEMAGISTRATESARENOTCALLEDUPONTOPRONOUNCEANYOPINIONONTHEMATT ERSAIDTHESECONDOLDGENTLEMANSHARPLYTAKETHEBOYBACKTOTHEWORKHOUSEANDTREAT HIMKINDLYHESEEMSTOWANTITTHATSAMEEVENINGTHEGENTLEMANINTHEWHITEWAISTCOATM OSTPOSITIVELYANDDECIDEDLYAFFIRMEDNOTONLYTHATOLIVERWOULDBEHUNGBUTTHATHEW OULDBEDRAWNANDOUARTEREDINTOTHEBARGAINMRBUMBLESHOOKHISHEADWITHGLOOMYMY STERYANDSAIDHEWISHEDHEMIGHTCOMETOGOODWHEREUNTOMRGAMFIELDREPLIEDTHATHEWI SHEDHEMIGHTCOMETOHIMWHICHALTHOUGHHEAGREEDWITHTHEBEADLEINMOSTMATTERSWOU LDSEEMTOBEAWISHOFATOTALLYOPPOSITEDESCRIPTIONTHENEXTMORNINGTHEPUBLICWEREON CEINFORMEDTHATOLIVERTWISTWASAGAINTOLETANDTHATFIVEPOUNDSWOULDBEPAIDTOANYB **ODYWHOWOULDTAKEPOSSESSIONOFHIM**

Ciphertext:

DTDFPNDVFAJTSIUUNDREIYTYDPFZFJHBTEKXOWSZFOFKPUWKGOGLIMGTXPUAXJJZOMBWPHPA UUKYYOZYJWTWDUIIBCBCRCTCORKDTHARISNEJFOHWRGZODRVSICZHUVHZOPTOLGRNTUGMU NDSFFPTPEHXSXSZTVFYUZGVTMOCBDHLPWFWGWGZVOOVXVVVTRVEAANCWTESGRJLLRXRCH KWYBNUNOIOCCCABPUIVJHWXMFRWAYWPJKPZYODHKCPZREKTMOBHKALPTFMXAPMAWKFMC LUDEUYVFHELQYPBHWOPZFWWBLFLQUGZBBFPASAMLPVGJUSAWIYLUUCIHLZPGQWHAPBRKLK YDDTLHBTMCQJARBUFQZUAZAPNVOTDXLPNPUALYMMLZVMWFKSMHYIQBEVJHVHHUWKWOFB HXSABIAHZOECGDBKKPZRWVNFMDVOKWLTRGGIKDMBUZVPPIUKHVDKXFLKWPSEHJNRVISIJTOI JTTLVSSUMPOSTFENXAJYQYPPUPNPHXAOUWGLDVNIMQHEDMJAIEFERZAOOSQYZNLCSJFZHXNF UVZPGKHLXVRICBWPBRGLVKAVMVEFZMMUIRWIOOOCXHHTUPLKWBWSKBHLOXUKIESQUKGAR YUUIXQNRTDLAROAGLUNWIYMWFRNDSIKWRNHDQTQSIWVLDFAFVGWZNGGXZZYNWIKZCMMW NXXLRGXGOLYVTVZNYYWXLYTOTTYLJPESWGZQHRFFTNCUQSGPLNKARMPONPBXZBOYTEITXS WMYUYYOFKUKYGCUJZDYRVVOPOVHKUUMEPPWYMLZTLMLBRWRWGBFHBOLZPYIGVVLPHBFR NEAONNDZDRZSBNSYNGIASICKXZWAQTLVWIIYFHPYZAKIZXMJZOQDXXYNRUPDDZWXWGMYISZ MJKMBYZDCCNBWJVRBFVUKFTFBBZQVQWSSZBMSWSMMRVIHSLBFDUAABZIULMLNNRBRKBEZ DGHZZSRJMUOFBUKKLKENGWBMUDEXVMWCESKOOOZPISWKLXEBOIDWLJOUOSCGZTIBUFJEVIE NRUWNZILDYCGXUTCZZVPGUKWWDPAGNMOFCKBLULYBTYFPFDXJAUPJVRDBCPEOXOJDSUNXN LQFOJYONPISZNOSYRSQYRWGKSYLABQJUKAENNVZERXLPWSQUUXHEKCGIZRIJFXZBILTEUZOLO OHKWWWUVJWHBMVIJHBSTHIQNRPOIYUQNVFYGCCHREWMQNPCWBPQDBBBZXBKXFHWANSIEO OYAEOCCNDLCLJMYWFVYOOOEEILRFNVHCMCAXUIARBDMHGBQEEQKAJOHFXFICRHHGWFXMV FYNOMGVVTDDIRKZWKMUDRTOGPBFKZLRRBVKYHEHYLRYDPXTYZYMRMXWCHRGSILGQKRMH JWBMXJQYBTJKKAXVZWVJVHJLIUBQKGKEUZFOASNEADVVZQQOKPUQYYHVSUOVOSGOWPUER WMNOMDIVZXPBXSUVBVJTHAATFRKMYEIVSHNYGKCMVJJEOSVWXUFIUTPHZJBAIEDGCJUOSPBJ HLNRIPVZPHETIUTCMLHXVBKFTVFLYWWTEOQYAIRZAQQRCGKIDTPJXVMVEKCNNIZIFFZCGTFIC OOMPWNNNQAANVOASIIOUWJWKKKOQGGGGHOBJRVLVKDWXLLARQROTWJZTQGADEQEJTLTNO YURYCPXEAXXESNTIYLRPFYANRCIZYMXOUBTDNQCAJZCSSRHQIXGQJYZXRGGEOOTCVKHVXFO CEZRAMXHBIDIXEOLNFBURZOAFAOJIKMOUOLHECVHXROSDPNFPWROVRGZOTLCLUJCVWKKZNF FRANQEQXFEERFHDLJYYFRFHPYMSXBOVIASODBGMUVHLPLYINVMVURSYEXYCWXCMLBOVWV

WFPKGOVROTHJJSNLTPGDEDJKJZPGCKRZOOHFGHHWHTJTZDFXPJABPZODXWSKVJNUOPFFCVVO OEDJLXPNDTSTYCHCTVPFRGYFNOBAQJWIRPFPEXLLFRYXJCAASLJJDSIRLKCOSHHSQRQHASOJYR MMXMCBVRFPEQGVPOAEKIGRARRSLTVUUBQWNWYBXUXPXZHMBYNPSOTYPOAAFYUXPPTKKX HZKWXAEANBXIWIXGHOUXLOOIKVOGPBTXNEECSNXNRAIMAXIPFCVMPKOROGWATVRDZLHDST NMPZZJAKJKZJXFYCZFPSABRRLHLFMQKKENQXGFDKPDPHRRINPNDHRWCLXPKDRFZFRRRRRRUF NAMHSWDYCCIQZASPZWXHRYGPYJIIACRCMINSCQRXNRBHJLBXTZVXTIEUHBVXFTOCVSPGFSFP AWTUXKRIXPCNHAFPUYZNPDDTWYZNPDCCXWQVJDNPWSXPAOAXWOVMPCJAPWGWPLUDSAZD ECCPXDOFUZJEAATWMVDRPJYYYRFRXPRFBJMABHYOHCWMAHDTIYYNOTXTOFFFUJYPSVRXFNF MPVAZJOUBFMOCBBWNEWERHLDUZFSFZOGDSYGGKMOHUTOUOBFXMISFUWBLVIXVAOVOIMDK PFRPFYTMENVWMMOCHKVLNXAPXTCWADKSINBDDMLMZDAUOMRJDVNUJHBFWGMMXTLEUBA VCHGEOCSBFLYIYPYUZAKXLDYCGDDGRCKCBBTAEBDBCCZGVTSEJHODVDZZEOIDJPDXFGVLDA OLUVYULAJPMKZPRUZJISYLFRZQQFQWJEZMHCMKWOUBPLRAYDVTBCQCPRRYJRHHJHXHDABSB ELBWKIOBOIFYIBNWCJTWQUFFUNFOAAFGZDDLDYKPZDPSFVGISJAAAHRLSNLDEHZHLBEBRXXB QMAWISREVRGVJLNWHMAJXZQKZEZKIWSOOUAUHOBBNIHIWQRWGXDYPODNYXBFQQYEDFGXL PWSRHHRBDQKGHSAPUBWCIYBNVEDCPGQJZGJRJQNFAQHRAFKZNRFEEHYYFWVDLQHSTHJFAES EMOZYTZYSBREEPRBNMUAJNLPWDTMMMNJLIUXZIJXJWYYFQLLXRRRPRHNTJPTZPNPTXPMRZBU RHKAHKXMTQRBRKLFLNLTZKCSGWZRIZFWKWRBDDRSISNPWOLCCBRBZCZHJSLEZHZHLAOYMN NYUSOCSQMAWIAPFTAJGZCVBRLQEGQBIEIZJJLLHTLDVQUEOXVOFWGUXQOZFZJNKIEYMYSMVQ VMICNLTIUMEPZZGHKSGGSBGQQFQPHOCRWNTDEDYFKWKRIMJWRKMDIAYNZPSHROFFGJEYXNF XLKJDPKYEMMFPSYYQRFBWTRNHVBSIWSTSIVSMHBDMNBRQPVOQBEHFWOCXUYPNPUXWGVGU PPBUPHQNIELGEUMWFTUAJTVIKDESTHGANNNIJUZZSTLLQLJKHJNZQNVMWPWRFXFZZXDWXLVE KNINXBCOHQWGXNJMKAPGQZXAOCHCXJNZYBHMTOBTNCVDVFMHKBLELGUPOQRTXKMWWOG SICOXOXLGHOFTTAGDTBHVJSSIEIIJOULIHONZDHOOLZOCGRAWZFEPYOHOMUWPHEFEEUTBAOO TEQWTJRXEDQNHIZYZSJTRBORMSIAMMUGISXPVQHDEMELOUZYINBBTMDNDBCCZGGQGDCSCO WERURCXNOMAWEVRXKMBFEQWHVQJRMUZPOELMLLVLCJUATDIDBIEMCEIARXHNUMJISIGQLR MRFBHWEJYWNXCLQVTXVWQUIIWGFVHHAQERVLGGOCEAWYUJFVICWOLUOUVOMZCHYYMOSII XZCHRSGXCLQBKZVPQVLXVLEZSKBWBUIJXOPOFKPBLQMSDXKVHWTZNUQSOIETMMRJRYPPZDA APDEKILIQEGWCXMIOTNFLLPBMUMTWCHGQVTJMXMEOREAWJOYZHGIGKTMGHMWQLRXLFNOD IDIOZJWMCVQEOXCKEZKENCAXMRYOCFWYEGUKTGEEILMAEPFPXCQXTVRLYNSXUMKZDHPNJZ CBHVWVNXSJKJJTJAVLYYRUIDMJEAFTTUWOFJRUCYETRKGNXMFYZNJRPYTPDKGKYZZOOEPVBI RPYJFICHHOZEESKDSUJOEGSKBBOFBJEAVAAXFOPDIVZNLULVIMILKFIZNOOPFVFJGCVHZIACTTR TXQDVXSSACGOGVKWFHIVFQOKGIETPFSMGGHILMCSAVUCULLAPLTOKFKKHPYZNSFJXVEVFSW SVUPVKINTXMORJKWBNQMEZOLUOUOCYEQUYCJSGHXXLJRVHZQWTXRCCRCSVCMUIOMGFFNR RVKTGMKFOONAAMSGBTIRCPVXWOPTRFRNOGYPGTPWHYILZFBCLYWAFSUFOYYOHETZTCLGOP KKSUFHAALUMJIIAIDCYYWCAIUMVIFVNEOXLXMELWHPWXWBCYVAVGXXJBJAAFHVIWRIHEHTI HRXEWTSCSQAVMWETBXPDVQRHHXINTXPWZWRWWWYOOQOEOKHMMEWMMCZAQAVXQVFKK JZNNFFVJFGFVDLPLCKUYDEDLFOJOYDELBDLNQEANKQWCGPVWJBMAMXBFIEVAEAOBGRCOVW VABXUZUFWWWVIZOPDIVZNLULVIMILKFXFYKCSSISJUGUUUYVUUKGKNIOTJJXACREELOVUSIDS IDRNVVHNBGBLJVNYIOGSDZRXLLHRYMIOXVAGCISPWGOWKIOBDKYZQERJNUNIECCDKBXVRFV XJRYRJZZPPFXEWESNBUROKESDJZVNIGRCKYYBJAKOQQCLQAVLBKLVBCNSDOZNFWGRJIXDFVY OOFTIECJRNHHYPPWAKXPDFBUKKLDVMDQMTFNNERYPKCRSXNLVPFYJELTEZLBXMIYLFZSJPZL VJMGRGEBAAHEHXKMCUNZPPCHJGLUFOYGPXNBJKZISMZCCUKLXYGMXLANUTINOCNRAWBVJR HSHEXPWYPTAUGXSORPRRJCTZJVBWEFTNMROPPPBYROJETDWWESJRPNLLDZKKIIZBDYNJJNIEII ATKUYYOMQINBIIMWPWUDOBHYHPAXDPWOMXCZVYJMPAUWKFNIXLCIQGBZNZFFZQGKQYAVW SHVPBRGVCCRUYYURRIJXEDPGUMHRSATYIIQULROJGCMPUXPXDHIHOABREVRIFQRFQZNCSGJRX DLGGCLAEABXVBCBIUILFRDUINXBCOHQWGXNVRKAAVTLJWRYTUITIXDBDFXWAEQKWMGLGQ YUTSDRTUEORUHWCLULBRXDWXOKWBPBYXTMNELGTHJLNVLPGNNOJUGGGLJDOOMBLANURRI OKKSAOTDCSHLORHHTIBLBGJVNZRPGFVQBRVUHGKMIINXHQFZAWMCOEEWXSLUQKLZQMWIZH PYMCMTPXNRIZVBSTSNIYBDFQOOKQAUWCLNYRZXPZOYERELMITNEOVEVFSHJYHNKWNJHDQS WQYRTFVLZLFUSAKHVSJJLRQQFESIYCAXJBLIDVMWBAMOPPKCXNFUKNKAGWKTMBJBIWYAOEE TVKTZWEXOFPKGSYFXHJUKUORRFMZVSXMIYWCLGUWCFDTVJJWCPAGLVASFQWFLWSIJMNMHV JKULBVNXGKJEDTDSLEFTOITLBFTRLCDRBQFZYTZWMUACCSXSXNQGGNJBAYUWRVYQHHYYMK KGBTBOWNFOAGYKVRJLWHPZUZVTPEDEMFNFFUWUXUEEJJXNEWKCVLLATPKAYZISULAZJVSAO DAEWUAJXAUTOLEVFYJUDYEDETRZSXHBPTRTYEPCQQPDZMAPIFJLGKMPXHXOCDWNXYQGGWE NIZFVJINJRJQTZEDNSJBYFBDUWHQOYESHQQGQTWMRSGHCCDRUWCIQCAGXGIWETOMCUEMEKB YBNFWJJAXCTFYMJYLIWIKNMIJTRZPOEQNAYPCLVXNPSEKNUEFPVXOOYCBUJQWQPGWPVBRJRZI XCUOGVMLTPYSKHCGVVIFOANUUCPHPIUMCCJFMWUASGLRMPGUVUPOPLPTFOPMJFSNIBTNCUZ WTSVKNVGYSBNKKMQIZJEAAFFGZMNVDJMPCIPUOKZJIODNROGHVMXPQMUUFTXMSGSMNLWOJ

HDOVNGXADRSIIFBLBBXZLDFKNFKOAFBHEWKXRWYJOHZTLOLCRPFJNCSEGLVKOLAXHZZRHKH KYARJGSTLRNUXKCIMPGRHKULYAXJPVALDDBAZAKLZBKOBHMVHAJYHTBWSUEJOKIEYMSPQM BPJVDYXFQYQXAGLKUZCAWXQISMFEYNSCDRUKXLQGUDRABNVCQHYKLDZUPKGPYMVQJHXSH XSGCSNOHZHIKRCEJXEEVYVCKZDCTBISFMRAAVNOGYTBXYPDTPFYDNAFVODCWJURZMNDTFFX OLAGAJSNFCFYTCOMOOHMMPXILAOKSEDYFEGHCVCDOJTXLJSCRHZNBKDFYGCDCUESTZXNGIH CZVJPZEGWPILAPBGRRCFAMORCWYMYVQVNLYIOHWKWACDGMUZZKYUAJWLENMFFQXKMKD WRJETBREUHJVDZSVXTELGQDJUDLSRMJVDKYPGSTLHVIUCEWMOOWCFTQTUPOGTEPXEFEJKGDI DOFFRJRIINPDOEZOPMPBOPZVJKFGFAXDAZJZXHCEDOXJSCRDLHAOFBBFAWSNNXJCOBCLHKYYO OHASOSDLWEMZTYMHNYEWRIKJZSCERBSSSWYOBREGSAWPSUOWMACPVIKWOZJPHTEASHNZHX XDSTYTJLVVESQSJJVRBDFVVVXBGHDSGAMWGMXYEBAKAYIDGLIXAOAXDVAGQVTVHKYUOVT NCHVCYHWOOKRMAFPSYKSOOBAOTBVCZZOWSSAIBIBAOSGLVMCOUWMHBOUGSTVOFUOOUPL HCMKQXAGLKUZJAXJZDZFQSVBAMOKTHXPDPXWBWGEXYMBBNWBLGWMKCZAZUIWYWQXIFX THWSTHTTZASGPGQFDIBEMDRNTPLVTKMGRJYCXVKFZXUQWARUXFGZPGGPRBOIDQQHLNYBEV FTTFPBRPSAQQVQQYAEFTUXPMHBPZGWZGHGSQOXKESOCXEORJTXAGKXTXWPERVMYKTFETYR DTNKQKCOGNNYCOELVAWRZWRWZLZXTIZBNTWDVAQEJPKWWQZVRBHFLZHZGJPUTDICJGSRRV ZMUBRIRJFIJXLINSTJTBXQTYIZJNKUDSLZZHGVCSKUBVSRHROPFTGAEULLGRPAGATVIXDWGTAG OXFINJIOUOCIRGALMCCCOWYUFNJEJFWCQPHTPKMNTNUPKUCDVARNFIJPKSQRKBHRZYYOKODI XKYWWOVZWDVNRDWOYNELGKKBZPFUTUFRYVHHNRNHHYPPKPIMZDOOUHLXNFIISIOGQFEUX LNPUUOKISJFLEAPZEWBZONREUCJOWGYNVLDSTXNEIFHVMAQYLDSOGZPAZNQVFCBBRNRGDZD ADJOVMZGGROLZLXUHZRAWEKRWMMVROVYKODDOUUVOOHWFUNBRUIXNPSESZBSGBUISPFBU RGLHRAPXPDDSIIOUOFAUJEIXBJNWEABULZAOBRBKUOOTCAMRHLBGYAWMEEJFKIZZFUOCCYO GSOJLMSRKKDGUIZDUVUHYBPQZJDAGKNEPTFORYCWKMCOYQQXAQQWQEOLLMBDQVGNNTIUO FVERZVNCHCRKKNIBUZNNBFDWMVPZUXOCDRRHSXXANWXKRCFUSCOOBREUNUJSORXROCSMU ANBOHWCRPGUQAAIEYQILHKKUIHTHUYGWSOBGQPFUYBXHIMNXFQSWYAAXWEIYBYXYOFORY UQKYWXSVKJMEYPLVVXEDEUYPPWCGZLBTCVOJQWIEDJOPZSPJHNECNKOFEMHPYZJPUBCUWIQ MDALSKTTTEXNPFRTDCSEEFLMAZFBEMMDZQSRHALFHXTJTFHAKVQCYFSOTZWRYGGQYZTGKE VAFVWNQFRFRGWXEXVREWFFFSLVSAGKSHNYZTHFXCCCVMJOLTPOOEAEARWMIFHDIZCCQALJ MRBBJNDMPPFQSTDKGBUZIHHXTXLVGEAWTOJBYIKAAJUQTSIBMNTJMBNHSDMHNMNCOCQBTW JMVKLAOIGOOZIKYKHZIFPDDOEMKYUHAJJTBMYCOWTMIBUISCWMQUDLWTLVVSWBBBULINUB UCSLOARFXFIFSPLTESCDCSVVWIFEDIILFBEBUHSJDAZCRISJPJBNFIKHPGOSOJDOSKHKBOOFDENJ MTRCLCZDQDFOUBERDHRFFQGKJRNYHPWCQVYYQMVWQWWGJZPRBFIMYETPWOGBDDFJALLSC PSPLFBQGDCUTATZKTZOAOCNFNRHHNVBCSLUKTFEJUMYUPRSYLZWHKWOMUOPWVOENXYTBS QUTWGGGGGZHDDIWITZMRRHKDVZZONZBJGBYVKQRQIWFNBCCCPZLNBMQNONBDQKIPTZEKKH MRAEHNNENREJLMGIVIYVVOPPKBWVDOWJPYAMIZIXCWKGMVBRUUGVLMVWCGALRLJDUOFTP ZBAWJBLLIEIFJVXHHZJILJMMUTIPBDISUYBNCGWANMKAELYUAPUOWVOYPJUJZLZAVSGOFRHZC WNKDWKKGPGXAYODUETYLOENVBTCCHPEOLDXBEGUWPPRANVOAXPYYACSEOZAKQRCAWAU DPSCQNEAFJPIJNNXBXMGUQJJNXIAPPPWRRRHLCCCGLRMNEJHUXJXUTWOVBDDWECAYWEUTJV YZIZJEAHOPXJBRRCDAPBFGCMKUCPVEGSOVNJXXDOSUGTTTTTTXOKOOMONNSBUNIPVHDUSKIH MUOJUOQNNTGTRCSCYIKMYDDKMWXYWKGOFFUJFNIEZEETOJQGXAHGQJTNUKDFRJHXNACEJZV SUQVXAFLGXXYEYGAVQETPWKZZZIZKFBPWPTGWHWEVPXBOSPHZRPDZBJLTVDMAKZLBMFPPO BAQTQTJZKSIIYUEFEUGLWOAWRTUARIVVEDKAJUUNHDJXTMOFBHNXBBFNMCXZHZHYLCCCRPI NFMVZQKPQEETOVAMAHVFSGYTMAGQGAJDIXNOCEIOWRVCZBLWFWGRGZCWWWIHDGHVSLOU BUKJELOHJYAEMWODRRPGLGWWJYAZLPGDCLIGGNXCOTFROFFHSGHOBXCIFASOHZTTRISWWOK TVPYXYZYHRSXIEQUVNZRIWCMDNRRIZZJNKFVGHGYRTPOQRMESQLREOKMIORRQUNMXDWCEL IYVPMWHDGHVIDYUQQWNWYMUYLPMEHJPKVNOUOGTZFGSYZNTLHLYAOXCWSSMKPOIUEDQH WXLWKBMTJAVRBBIKUFDNPFNZMAZEDDTPTBPXBKSOEFACOGWWBMMFZVGHLLFCKHRWNAWX WROHYMNPOCKWIUJSGKFGVOHIJJHDRNZRMUANADSLLBSGHPXXZPZBXEPEONVYIGBXPNZJDBU NILTATMWCPBWTIGLLLLLLOSCGKWDLOCHWHQLLMEFNAGPRDZQQCRVUQDIWILKVEJWSOKNZH IUKGNGEKEPDKAWTBJORIINALHJWBHCSTPMRMXOOHWLFRNKIJQUREIKMCGCIEUIOSNDXTPUETJ CKAMCCSYLBIOMASJZVTFLAGOXFIIXDMEPHEMIGUHHRISIGIOOSAYBYGIDIGKCYKINUPKMOHZA AOBBODBGMUIYHRHVDWUTLQWASZJOSJONIDGMRISMSTPMRMXOOONARCONHKAQCXHFLDMC GSMGECNZGBNRAFNVBFGFRLQDNASKKGEHNJLQAMULVZRXSSUYOOHPVCBOFUVJSCAOSEGTEQ AIJGMRZKHVMEOMZIIALTNRDZAZEARFSNTRSXUCZMGUMINYHNLDKRYQBVLOAGGAOUXFMARI UVNJAGBESQQIQYEXPJYYKHPIZQAQEUPWIAMFWPXPYNGSKQXLHNWUZUJXYIKXRWYHFHXYPY AZBGOHWIKTUIFMDDDZXAGCEYDFLQRSSUUHDFSAGJSHZUDYUGYGEIHLYFHOJNNWCLRBQXTQE IBCFWGHRLRSOLQLWNNNMZQFGUVUMNRPEPLCDFBGAJHYYFTHZPNGJVPPPTKKESQSNJTRPMGT RZXEMHDAUJCVWKKZUBGFKBLRGTRNODMIJWMMWKKVLEKEPUXJBTNIAJVDPPPGYZFZREKFXR GGSPXQHYIYMCXJKCZREIJXHWJMPMWDYESYMVBMHTPWJFKQNIARBCMGMNJGLGRIIIGPAHMCC

AGOGOOGGSWFONBTVZMXIVUKBERJTGWAMSORGGBNGEEWLTXOUVOFPOIYYOYMRWXJCLRBSI JXFVVMSCPIUPNBBQJHTJCSSCENBWRDWCVWQSQEJOPBUDJTKAWFOKDBNXLXBSGHVLLLLMTDO MPUEQQLBQMUPLGLLTKOLSPGKRKRNPFTCQZAMURBGXKGQUPOMUVJEUDIFXITPDYBTWVPZNX MYOBPIIXZQIZHWGNZZRDUKCSVIUKPDAQWNOJYQVLZPKQRHYUFACFXXQYUXAYORVSVCKBRH NHIWYRWGOHOFGUUGCAFPOBLZDVIIABPPAORUYXOFXONNCCSIVRFTKJOUPVJXZXNRVTKGHOH RMIAAZPVQFYUPTTSIXBEGVKKVTUTFXMEAFKBVLEUQMGZMAJFYSNWZJEDLDUURFKPQCVEKUL BJKZWZBSVLKBRNDGTNNFXORLIPKFHVRJTHGIWVFRPRPNJMUUCHBPGKUJNLJJIUJPJBOUNCRHPV UEDTFFFKFVPVRTAPNUOJAHYEGIYUORFVOWXNTGTJIWSEOPBLBTODMGKNTTONHUMSRWRMOC MLFSQQXPJAQCSELMLYYDXITCXDCDSQQUTYEZDLPJQJQEZTQFVTASIIYNCYDHZHWLQTTQQABS YEIRXYVYTOHSCCKHPQZCZJQLRFLZINDBOYWYZFQQCYXXEHXBOVAAIZVBRFCSYQGDZQLZBBK DMXEAJCLPGBBROWBPVITNEGVOTFWIOSZAEHJXMKBWMIEODTXVPOVJOMFEYLATCNMHEXOYZ JDJKGDIDOFFFDCOMJITPIZYSFELGPTLDUJZQJYMLVIUFNFMPVAZJOFDXABNMMOHQAENGGPOGE DVURCCZOYXFOZSTZPHZICSJSKAXRHLBFDRXTPPOSLJKWNNJEOMFGURQLRCCVPLWXBUXXWEA GJNANBDDXHWWCSLTMRBCKWWLPGPRFNOEEFQUXECCIKYJPPZNNYOSCVVFETYZXGNCGKACUF XPIIVKDNGTFVVBQKRMHPPTKEGOCFPEUAMCSTIDXDSEUWYDQAVRHCEHIWRHQVSKVGCQVQVM IWDQNMUNXBEKGUBPHKQLDEGTSOYNMUOJGDODCXGWWZMCSMZUPHSAYZSQSOLXCSBBZUQO GLVKLDASBWYGOKWFJBSBAIBNBAVSEMOZYTZYSBHVJAGKESAQQANCWYEQMXBTROICKDWTX MXMGJNLXQRVTRRQCJKJWWBVGRAVBABQLRTVNIMQNEOFGAUNJEVSHBBEKWEUUMOLZAILSH QUXHNQZOGBYCCZLBFMSSIMDDUQAKOYYFXKQXCUVUVNRTVRSGUNYSENVDZYYOKOCRPLJEO EVVMISCGOOXOJPOGXTESSSWYOOBLUKKWFKUPFVEFDWKODFHXDYOAJOWOLCMUFHPJACDKO LZBMKSLXERBRUADDNHTABAHPSKGOSSSXSHAOYMMXNVAXBVCYGGOVYKCUFOBCOTJPOCCOD WVXVDQOKMGPSFRZFJLPRKSWMSZCHXPJFTNRAVOSSZNZXBSVMZOAKBRBMOYHCQHDQSSRLLK HRUJBCMSIISIZIEGGEVLUGWZROBFWBNJOIWMPNDNWILBIBJBLANXNOLRILDZLDYDLEJTTIRBTSE YDRSFTSMKGFCCIVIDGHTODRFQWKKAPVZQCQCTQCYLWODWGZMCSELMLZNLVETMFDHUNNTC SHEJOLTPOOEAETYNAOIGPHLMAGTHGEVQGGFVVKLJXFZTIORAZUJCRXTVCCTCKTOJBYINTOQQJ QJYGYIIYYOOQIBLEEEPDMIBDZOEWLMQUYLLRDGGWRWBESIADBRNCLHNUQSGQVZPGTATUYSH FVXXDZDGKMLPIQSWKIDBERNPBBGRQNFZLIUYGCNEETRXKHGDRJBNEXQNQRDJLNDDQAJZZLU ZJEUKSGSGIACXDYVYMHPWZMMOOODWHXOXTVAZNYCCCCCGEFXISYQCNJBHVFEOBOZFWYK CAICDKAYIGXBPDUATLKNDEKOFVOSCESUMBFOHJJOCEEYUTNNZWHCORHHUENDDPYDNIYOCFC GLONFHFAZPSGEVPNSIOBXTVWKAALMWJWMQECCUUISUHBXWFALUJJUGUASYHBWRITOADTTG YDNCARKDADEQWYSJKXPZGATRFLMLZNPVVGWPKUDSQYEUQVDKORXLZQWAEZUZZERJSUIQG NWKKOPSPTOKKWUICTPPWKQAMPGGBGMOCSRTFNYENJITECAOYNZPQGACIKRJGAGANSNCVXT ZEDZHNFTFXTTACFDYJPQPFGVVGOQJKUACTTAPUCWRPJILBUIDFGLWSEWMMOYGMVVYJHIDZC DRYYTCGPRUEYPPFIPHXKOGKRCRHJIMDOAOHHOWFAZUTJKVRISWLBXNFIEWDHYDMSTUTVWK BXDEFUTZOUYBSIEDXZJUPBXERNSYVOGSNORYUYMNPKATVUUMONGLCOEVNGXASZPIIYBUUU VTTPKCKXFGBZMRLJHYTJJIMFEVPHHOBEVOZXFMITJYDYOWKPVQEYUYCODGDRBQCSMTMUOEB RVHBSTHCGNRMCGVZXMFRULPQOYSQJCQFCEABCMRQWRBCMXVYDNDSTSILYYTJYUCXTOTTES SOEWIEZBCINJPFYYJVGCCVXVDEWTFUVLBUPIIYVDDXPPPGBHMRYROYTJBDGOWGIMAOOIHCZL TQAFWJFWSULBDHPFNONRKQNDLRJTRLAKSWWAPMIQNGPZVAFJBPNDCUTQQYYTQJQQZZUCJCB GEQABNYGDNSJWSXSXZDHPVJONPVYWMIDRDPMZRJSOWGKANDNJWMPDSIKNZFOOJASPSQSYD AYNSIIGOEYESOPHOCZAZMMRLWHQLRQRGEMFKULJPEQXJYPRFZBLLNCGPUGMRXCFELBLGXBY ZYYESSEXYVVRJLNRTVCNWUUKVGVEZZOJYOSUJIZXEZDFYQZLIJIZOFBEHTCQEEUXIDPSIIVFOEE OZEOJZPYGBOGOKRADAEWXLJEDETUYKYSOMEYKTNWYXOOANUACMAGHKUJWFFUWIALVBTF OMEWYIWCEUUFGDSEIJFPNDKZPGVYGVRLTCTTQIOVTCOLMHDGHVEACTNHLYQPQWCZLLBSOJA RHGYQKIIKHNTYIACRFUGNRBVTFCDCVRJCKMOUJLXPDUIOFJLZCKSWEIYHKAALMJYKOPLVTJUO OOCJVWULRSMKWMFCGLVLZHDVKXXKDHNJRZBFROPOZOWNLAEPKWZPPGFUTUNBLUKKWFKU PFVDFPTTSIOOLHZOAOOAGIXWSPXOYHMRNNHEPDCSVCNCBXYOHHIOTSSDDUTKFNRPKFFNFTGL RMOZYHUNZLTPVKBBQFBJEAVAAXFOPDIVZNLULVIMILKFBGXPYZGZXDDOYODHKMQRKWKLW MBXKPBZEURUCAMBBYPLRDNMCOOKPXRMXRHWSOWGSULHNSCWRAENYDFWSFJYOHHCVOTH HLXEMVDZAZZBFLSCKMEFLFXKQVXGJISKHYYXNXWJACUOBBQHGRFSISHLOFQBJEOIXKMAMSS DMBPDPEPYAXSDQWCPPFFMSAYZRXESOUDBGWMAJXGHARXHIHCROUEFMMHUFIXJIXCTRNBWT GKHZJHRISLOCEEDWYYACYXZAOFFPJSXIEVRDHOSYDJLZPDYDLFACFSCMKKENLANPNROKIAYW YOHVMYEXLJZNDQIMKBSBDWBLWQMVFUZYWOYYOOCUSPOLIDHHTVNCXPJVBJSEWNJPBLKAM MFVJWAQLQAJGBXQNNJLJJBULRBAFVHFVOJCULUNGBCSUSCATBEERXNPBMZJUZWAUNXUFDEL **ONSFXGIWETWD**