**Lab 03 Template – Ethan Roepke**

1. **List the five most common trigrams**

(10 total points. 2 points each)

5 most common trigrams: CVL, GQS, LXI, GQW, AUN

1. **Show the difference between the starting indexes of the five most common trigrams.**

(10 total points, 2 points each)

CVL: [844, 136, 264, 268, 12]

GQS: [464, 352, 36, 224, 24]

LXI: [88, 96, 300, 264, 488]

GQW: [8, 28, 56, 188, 212]

AUN: [8, 876, 184, 512, 44]

1. **Based on your findings, what do you suspect the key length is? Justify your answer.**

(10 total points, 5 points length value, 5 points justification)

The key length should be 4 after looking through the differences.

When I was looking through the differences, I saw that all the differences numbers were all divisible by 2 or 4. I did not consider 2 because it was too short to be a key and 4 seemed like a reasonable key size.

1. **Separate the ciphertext into X shift-by-N ciphers where X is the length of the key and perform monoalphabetic frequency analysis on each. What are the three most common ciphertext characters in each of the shift-by-N ciphers?**

(20 total points, 10 points for separating into X shift-by-N ciphers, 10 points for the common ciphertext characters in each shift-by-N cipher.)

**--------------------------------------------------------Cipher 0 ----------------------------------------------**

JFLLXIPASIYRMOYRHCBFQCAQXSENLHSLFVHGRGHLNLHPCZFQXBAZXJLHWZLFBWZNHRVACAHXNOZBDBKHWZLFBWZNHRVLXIBAMSYFCOUQMCFBDIUQNFZGJBKLNGKBWHOHAHTRRAORASABQSSCHCBENSZRBSYTNOUGCSJULCTNBGPTWSKGXDYBCSJGHCBLXICRKSLACOYTNHARMTVECSYZRBHGRCUVMCUGTBVJRHSBXYZYRYLVCAPTQHZCASHQCCAURGMHABPGDFLJJFLUXIZRJQYBBGAUNOSYNMAUNDHVWHVACVLJJZSFBHHECWUTCCIYRGARAIWONHARAULGJBVGQSYGAIJXACBAMHVGQWZFRRLGQWZVBOTVBHHXNWONESUGMCURJBFGQWUTWCIHCMVHFWSYRHZINFFVVDVECOUGCVHGHCBYRJLVLOUGKSSVNJLGQWZVBVHCYSUVWUOBFQVHURAUJBTNWULGDDHSCSYLXIUBCOTNWOARAAPAJHVELMIRARFAJAPPBAVQNZZHBDLPCJLURQSRBWNUCSKBWAVGXFHGYWJBBCBGQPVHWRBARHZGFCGRACZVGOUQOWCRBSCRWOAGNAWGRBARAQLCCIUVCCUROCBECVYRNQVZNWUGQWZVBCUROCBECVYRNKLFCPVHWRVAXZFZYWJN

(Most frequent ciphertext characters)

C = 52

B = 47

A = 43

**--------------------------------------------------------Cipher 1 ----------------------------------------------**



(Most frequent ciphertext characters)

C = 42

B = 40

H = 38

**-------------------------------------------------Cipher 2 -------------------------------------------------**

CGMEXAAUNTBGDFLVBHONCFPTQHVANDVFBWIYNTBGDFLSXIYLXIYCXWUGXTCVNKPQXBAXWCDGQSARLVZGDTMNWRFBDFLSACTGQSMHCIYRCCVERUOGAWNUCQFOXFNFMCUGOSLYYOPARRVQXBAQXHONCONNRBQHBHSRCALTXZPFCSUHWRLEBHHAMHONCHLEVWUNCCYVBCBGCVLENWAPJBAONFLNBCURMKPGQWAPJBAONPHEPOPANRDVCVPGMCLFWHMRNZWVCMVSASTBAGLBATLNAOUQRHHOBCSHCSSLFWSYWCAFCCWRESYHWHPYHCBNASKRJRJNWMVHBHVCRHTNHPLJRHOGQSZRFSHCXBZVMCUGTBVJBIZCNQAINVPPUSSBLOARMOACJFRVWUSBCQLQJFHAMUSRWVHINBYRNGLJQMTRFVFQXSZVCKHACALGQSYRBGVZDQOGNZSZNXBFCGANAHHGCVLONUPAWWUTCVLENKHFJKHEJTLJHSHEBTYBVBVJWIJYNOYJJFAUNKOBUSAURBNNUZAURGLINFFGQWUTRGNBWSQHBHNBWSAUNFLJNFLFDFCVECYFQSYRCVLENBVOXRFXWSDJQCZGJFARMWAVCKHFCVLZJQOVWSZVMCUGDBKRAGANWRKROSUFNBLGFCYXLCTCDHLEWSDCXKLE

(Most frequent ciphertext characters)

C = 51

N = 44

A = 39

**-------------------------------------------------Cipher 3 -------------------------------------------------**

OISUXCRRMWUGXSCRAMAURBNGAIZGNRABAIUVCOSYCVLLBOFVCUVGBAHECOURFCYQNFVSRBARUZPTNBJRCVLARHZNFOSYYSVCUSHFJHOENOAAXHQHBHAUNCURBCUGQSVGQSYFRRLQNQPQNRVHCTHGNWUNVWJEXGLPXBKRGHLEVWUNCWVAMWKACGLRCVLJJFPJJGIBABHSCSYVWHORAIPABUYRFIWGQSYRBHHEEWUTQWKVWUMEXAAUNVRFCVLJQOAUDBARAYPYUSYFYOAEXZTNLVPANGIHRZKVWOBGXAHGNRMNLHVERSZZXGABOIZJNFLEXIUQNRBCYIAVWQHZYGMBACYQNFSLMWZCXGHYKIYANRPAKMSNBSYFLOUFXALBOIZJNFLXNDANUWCRCCDBAYSBJRPAPPVQRSZGQSKVBDVFJZBARHZEJBUVPVANWRKNHKLJNFLGQOAPUCZRCCNBRBNBDHMBASCRAPBGCVLENKHFXBLZJBDUXHHHPVAHBHVSRUOGCCZGXFTGQSDVASVSCVLPJAWFCCZZJGOGQCZRVSANUAVGQSYSDQRRAGPACCQHWYORCIYANRPGJFVHWRORKFVHPVAHBPHPTTYBVHORKFPATDHHBSOVBBHZNWZPXBUBAXVUWQVAWCYLXIYFXBZNAOOLXIYHWPVEWGVA

(Most frequent ciphertext characters)

A = 52

R = 43

V = 43

1. **Decrypt the ciphertext using the potential key values you found in question 5 Show all iterations, the final keyword, and the final plaintext.**

(25 total points, 15 points for all iterations, 5 points for correct keyword, 5 points for correct plaintext)

Trial 17 is the correct key and plaintext

**---------------------------------------------------TRIAL 1 -----------------------------------------------------**

key: “ccce”



**---------------------------------------------------TRIAL 2 -----------------------------------------------------**

key: “ddjn”

GCCYUFGNPFPEJLPEEZSSNZRDUPVAIEJYCSYTODYYKIYCZWWDUYRMUGCUTWCSYTQAEOMNZXYKKLQOAYBUTWCSYTQAEOMYUFSNJPPSZLLDJZWOAFLDKCQTGYBYKDBOTEFUXEKEOXFEXPRONPJPEZSRKPQEYPPGKLLTZPAHIZKAYDGGTPBTUAPOZPATEZSYUFTEHPCNZLPGKEREJQMRZPPMOYYTOZLIJZLTQYMWOEJOUVQLOVCIZXGGNEQPXPYDZZRHODDUXYGTACCWGCCHUFQEGNPOYDRHKLJLKJRHKAYITEMNZSCWGWJSYEYRZTLGZZZLODREXFNBKEREXRCTGYMTNPPTXFAKXZSNJEMTNTQSOOCTNTQIYLKIYEYKKTFABPLTJZLEGYWTNTLGTZZUZJMUCTJLOEQVKCWISAMRZLLTZSYTEZSLOGCIILLTHPJIKGCTNTQIYSYPVPLITRFOCNMURORHGYKATRCTAAYFZPPYUFLOZLKATLREXXGNGEMRIJZEXOWNGXGCYXMDKWQUYACCZGCHONJEYTEHZPBOTXMTUCYTVTAOYZSTNMMUTOSNOEQTCZXEXZQIDLLDLTTEYPTETLRTKXNTOYREXNCPZFLIZZLELZSRZSPEKNMMKTLTNTQIYZLELZSRZSPEKHCSZMMUTOMNUWWMVTAAVAPOGNFITRMVKCJATOYIXFLIZEUOCPPEUYFISHCSZMMUTOQATEYMUYGCGLRFUFPZKCMFOGCASLAHOYCYUFKEGYJIQPYRUMMTTZRAXZZOZNWBUCECEMCRTPRIIZPGGYGSSMSTNPUAYMJEKOGNMUSSZLQEIZLDQPCPEZSRNPYDJZUNRZQTNTKGUZBCUGCRGWPIMSRLODRETEFEZPPMOYYTUCQATTLFOWRRGEGOTFLIZAYRZXYNVLPTSLAHOYCUTOCRTPYTNTRSGSWPKCYLRZWCUXZAZNFAYDGSSTPCUAPOIPQSUCAOTEPORWCDLFJLELPMUCCDBPPYZZSGNMSTUFRSOOCIZDJIBTLGNFKATEGSYFCFRPQHYVGNNLGRHWMOJRPOCYDOXEFEIJZOXRQLUZIRKPQEOVLOCJMUCLLTZZFERAZUZAYYGERETEGOTEFEYPPIKDFAJCSBHPPSQTLWKDNOZECDZSCMKLQYHFRTNPQEGCCNKHRHKJJOUVFUSLLSCPYTHLBBXPYTNPTEXJRHOYEVKCWHGCBTUDNOZTFAJEMWGTRTOWFESZTEJZLYUFZELZPEONMUROXEXZFISSCYOXLOZDRUVTBYQYMWZSCYILLTHFGLJLLYZSGNMWGKKEFAZJCTTZLOZJCTTZRFUCYBUFRFUCRYEPYRYDMIZDDRUXRHKQSTACCIYEFAZCGGNEMNKAMSYTZLKQSTACCFUFPYUFPPUTLTUQTIKHGDUYRKTZUTNPREISQTAQDATOWOACCFXZKTNPDUZFPEZZMRORFTXTEHZNWBUCESJZLTLPCLVLGNOOMDUYRDUEFAZLEAOYHUYEJEZXCGUWGSZPLUTOCRYEYNJEFAZECRSTLAZZPIYZSTZSCRKTRCGYRBKCCAYZLEJHGTNTRCGYRBKMYRMLGNKOUIZSGTJZCSTEDEKWNIZJMFXPKOXDCOXQCAXLLDOEYBYZJUZPJYCTJLTZRSZZNEBPPUTEGLEZSAXPBEGOAATJMUYEMPOEKAEMCWOEFTNPQECPYPUYQIJZLTQYMWYFQPKNRVKSGCRPJOILREJLRPGCIITRJOZNCDGCYNJRJETSYVKYPEKDCWNJKECSWDUPQIZHYNZXCTNPPEYDMMANFTKWJMKUSSZDRAXEYTZSCBKRGNTTLGZSCRKHYSGHYRGQCWEPYRYQPOSYMWTFALKLPWGCRHKHFORPRHOYEARWRHODCVKCWTNTLGODEOTPHUYEEOTPRHKCCWKCCSACTIBZPSNPPEZSCRKYMBUOWKTPUWNZQTGCREJTRIZHYSZSCMGNFITPQIJZLTAYBEXDRATOBELPLSKYCTCZPKIZKPAECRTPUPUHCRLFJHUZIEJTLTUPTEXJRHOYETXFQTKOROXFLIZLJLZSCYYLWIZRMTYXYRZLLECZPDKCMFOYRERWGGKYAEZSCNOEQACLJLVPMPRPYSGEFRKLRNUEHUYERHKZLEYZLTNPMTNPPSOOCDKNGDKOMUZQYTKTLASTARUDCCUYBEDECRSTLAZTMNJTBNZDCEZSCWGCGWGDZOXYYFZPPITEFEXFGNYRPECFNTNPPEYEYRBTLGNTBITRDRUXRHKSISZSCWNLRHAYREXVGLRPPSVLRRUWKAISGNKDZUOWBITLSTUXYTKODAIEMROPQMUDROLFQWKCCRUFLDKOSPVFRITNYMVDDOXZPDKCJYJTQPUDYLHFPNKOGNHJJAYPPSILLSUXCOLFQWKCCKKARARTTEZZUOXVJOGOGNMMMDOPQTNPBIYAMSGWSNOEQRGYLIMSRATOBAEHCWKCCTNLRCRZQEZZEOOYEOAEDOXPTEXMSTZSCRKHYSUYCMGYUHUEYUMSRUYEMFORFTZZQTUCKTNPUIXPMFZSCCGXNSZZQMGDFTNZQESPRARXMTNPPFANIEXDGNZZHUTVFEZFPNKOGTGCMUTOFEHCMUMSRUYMYCQQPOSEFEHCGNQAYUYPFIYYYMKTQCUYLOXUMHTNMNTZPYUFPSUYQAXLFYUFPUTMMRTDMN

**---------------------------------------------------TRIAL 3 -----------------------------------------------------**

key: “edjn”

FCCYTFGNOFPEILPEDZSSMZRDTPVAHEJYBSYTNDYYJIYCYWWDTYRMTGCUSWCSXTQADOMNYXYKJLQOZYBUSWCSXTQADOMYTFSNIPPSYLLDIZWOZFLDJCQTFYBYJDBOSEFUWEKENXFEWPROMPJPDZSRJPQEXPPGJLLTYPAHHZKAXDGGSPBTTAPOYPATDZSYTFTEGPCNYLPGJEREIQMRYPPMNYYTNZLIIZLTPYMWNEJOTVQLNVCIYXGGMEQPWPYDYZRHNDDUWYGTZCCWFCCHTFQEFNPOXDRHJLJLJJRHJAYISEMNYSCWFWJSXEYRYTLGYZZLNDREWFNBJEREWRCTFYMTMPPTWFAKWZSNIEMTMTQSNOCTMTQIXLKIXEYKJTFAAPLTIZLEFYWTMTLGSZZUYJMUBTJLNEQVJCWIRAMRYLLTYSYTDZSLNGCIHLLTGPJIJGCTMTQIXSYPUPLISRFOBNMUQORHFYKASRCTZAYFYPPYTFLOYLKASLREWXGNFEMRHJZEWOWNFXGCXXMDJWQUXACCYGCHNNJEXTEHYPBOSXMTTCYTUTAOXZSTMMMUSOSNNEQTBZXEWZQICLLDKTTEXPTESLRTJXNTNYREWNCPYFLIYZLEKZSRYSPEJNMMJTLTMTQIXZLEKZSRYSPEJHCSYMMUSOMNTWWMUTAAUAPOFNFISRMVJCJASOYIWFLIYEUOBPPETYFIRHCSYMMUSOQASEYMTYGCFLRFTFPZJCMFNGCARLAHNYCYTFKEFYJIPPYRTMMTSZRAWZZOYNWBTCECDMCRSPRIHZPGFYGSRMSTMPUAXMJEJOGNLUSSYLQEHZLDPPCPDZSRMPYDIZUNQZQTMTKGTZBCTGCRFWPILSRLNDRESEFEYPPMNYYTTCQASTLFNWRRFEGOSFLIYAYRYXYNULPTRLAHNYCUSOCRSPYTMTRSFSWPJCYLQZWCTXZAYNFAXDGSRTPCTAPOHPQSTCAOSEPOQWCDKFJLDLPMTCCDAPPYYZSGMMSTTFRSNOCIYDJIATLGMFKASEGSXFCFQPQHXVGNMLGRGWMOIRPOBYDOWEFEHJZOWRQLTZIRJPQENVLOBJMUBLLTYZFEQAZUYAYYFERESEGOSEFEXPPIJDFAICSBGPPSPTLWJDNOYECDYSCMJLQYGFRTMPQEFCCNJHRHJJJOTVFURLLSBPYTGLBBWPYTMPTEWJRHNYEVJCWHFCBTTDNOYTFAIEMWFTRTNWFERZTEIZLYTFZEKZPENNMUQOXEWZFIRSCYNXLOYDRUUTBYPYMWYSCYHLLTGFGLILLYYSGNLWGKJEFAYJCTSZLOYJCTSZRFTCYBTFRFTCRYDPYRXDMIYDDRTXRHJQSTZCCIXEFAYCGGMEMNJAMSXTZLJQSTZCCFTFPYTFPPTTLTTQTIJHGDTYRKSZUTMPREHSQTZQDASOWOZCCFWZKTMPDUYFPEYZMRNRFTWTEHYNWBTCESIZLTKPCLULGNNOMDTYRDTEFAYLEANYHUXEJEYXCGTWGSYPLUSOCRXEYNIEFAYECRRTLAYZPIXZSTYSCRJTRCFYRBJCCAXZLEIHGTMTRCFYRBJMYRLLGNJOUIYSGTIZCSSEDEJWNIYJMFWPKOWDCOWQCAWLLDNEYBXZJUYPJYBTJLSZRSYZNEAPPUSEGLDZSAWPBEFOAASJMUXEMPNEKADMCWNEFTMPQEBPYPTYQIIZLTPYMWXFQPJNRVJSGCQPJOHLREILRPFCIISRJOYNCDFCYNIRJESSYVJYPEJDCWMJKEBSWDTPQIYHYNYXCTMPPEXDMMZNFTJWJMJUSSYDRAWEYTYSCBJRGNSTLGYSCRJHYSFHYRFQCWDPYRXQPORYMWSFALJLPWFCRHJHFOQPRHNYEAQWRHNDCVJCWTMTLGNDEOSPHUXEEOSPRHJCCWJCCSZCTIAZPSMPPEYSCRJYMBTOWKSPUWMZQTFCREITRIYHYSYSCMFNFISPQIIZLTZYBEWDRASOBEKPLSJYCTBZPKHZKPZECRSPUPTHCRKFJHTZIEITLTTPTEWJRHNYETWFQTJOROWFLIYLJLYSCYXLWIYRMTXXYRYLLEBZPDJCMFNYREQWGGJYAEYSCNNEQABLJLUPMPQPYSFEFRJLRNTEHUXERHJZLEXZLTMPMTMPPSNOCDJNGDJOMUYQYTJTLARTARTDCCTYBECECRRTLAYTMNITBNYDCEYSCWFCGWFDZOWYYFYPPISEFEWFGNXRPEBFNTMPPEXEYRATLGMTBISRDRTXRHJSISYSCWMLRHZYREWVGLQPPSULRRTWKAHSGNJDZUNWBISLSTTXYTJODAHEMRNPQMTDROKFQWJCCRTFLDJOSPUFRISNYMUDDOWZPDJCJYITQPTDYLGFPNJOGNGJJAXPPSHLLSTXCOKFQWJCCKJARAQTTEYZUOWVJOFOGNLMMDNPQTMPBIXAMSFWSNNEQRFYLILSRASOBADHCWJCCTMLRCQZQEYZEONYEOZEDOWPTEWMSTYSCRJHYSTYCMFYUHTEYULSRUXEMFNRFTYZQTTCKTMPUIWPMFYSCCFXNSYZQMFDFTMZQERPRAQXMTMPPFZNIEWDGNYZHUSVFEYFPNJOGTFCMUSOFEGCMULSRUXMYCPQPOREFEGCGNPAYUXPFIXYYMJTQCTYLOWUMHSNMNSZPYTFPSTYQAWLFYTFPUSMMRSDMN

**---------------------------------------------------TRIAL 4 -----------------------------------------------------**

key: “eden”

FCHYTFLNOFUEILUEDZXSMZWDTPAAHEOYBSDTNDDYJIDCYWBDTYWMTGHUSWHSXTVADORNYXDKJLVOZYGUSWHSXTVADORYTFXNIPUSYLQDIZBOZFQDJCVTFYGYJDGOSEKUWEPENXKEWPWOMPOPDZXRJPVEXPUGJLQTYPFHHZPAXDLGSPGTTAUOYPFTDZXYTFYEGPHNYLUGJEWEIQRRYPUMNYDTNZQIIZQTPYRWNEOOTVVLNVHIYXLGMEVPWPDDYZWHNDIUWYLTZCHWFCHHTFVEFNUOXDWHJLOLJJWHJADISERNYSHWFWOSXEDRYTQGYZELNDWEWFSBJEWEWRHTFYRTMPUTWFFKWZXNIERTMTVSNOHTMTVIXLPIXEDKJTKAAPQTIZQEFYBTMTQGSZEUYJRUBTOLNEVVJCBIRARRYLQTYSDTDZXLNGHIHLQTGPOIJGHTMTVIXSDPUPQISRKOBNRUQOWHFYPASRHTZADFYPUYTFQOYLPASLWEWXLNFERRHJEEWOBNFXLCXXRDJWVUXAHCYGHHNNOEXTJHYPGOSXRTTCDTUTFOXZXTMMRUSOXNNEVTBZCEWZVICLQDKTYEXPYESLWTJXSTNYWEWNHPYFQIYZQEKZXRYSUEJNRMJTQTMTVIXZQEKZXRYSUEJHHSYMRUSORNTWBMUTFAUAUOFNKISRRVJCOASODIWFQIYEZOBPUETYKIRHHSYMRUSOVASEDMTYLCFLWFTFUZJCRFNGHARLFHNYHYTFPEFYOIPPDRTMRTSZWAWZEOYNBBTCJCDMHRSPWIHZUGFYLSRMXTMPZAXMOEJOLNLUXSYLVEHZQDPPHPDZXRMPDDIZZNQZVTMTPGTZGCTGHRFWUILSWLNDWESEKEYPUMNYDTTCVASTQFNWWRFELOSFQIYADRYXDNULUTRLFHNYHUSOHRSPDTMTWSFSBPJCDLQZBCTXEAYNKAXDLSRTUCTAUOHPVSTCFOSEUOQWHDKFOLDLUMTCHDAPUYYZXGMMXTTFWSNOHIYDOIATQGMFPASELSXFHFQPVHXVLNMLLRGWROIRUOBYIOWEKEHJEOWRVLTZNRJPVENVQOBJRUBLQTYZKEQAEUYADYFEWESELOSEKEXPUIJDKAICXBGPUSPTQWJDSOYEHDYSHMJLVYGFWTMPVEFCHNJHWHJJOOTVKURLQSBPDTGLGBWPDTMPYEWJWHNYJVJCBHFCGTTDSOYTKAIERWFTWTNWKERZYEIZQYTFEEKZUENNRUQOCEWZKIRSHYNXQOYDWUUTGYPYRWYSHYHLQTGFLLILQYYSLNLWLKJEKAYJHTSZQOYJHTSZWFTCDBTFWFTCWYDPDRXDRIYDIRTXWHJQXTZCHIXEKAYCLGMERNJARSXTELJQXTZCHFTFUYTFUPTTQTTQYIJHLDTYWKSZZTMPWEHSVTZQIASOBOZCHFWZPTMPIUYFUEYZRRNRKTWTJHYNBBTCJSIZQTKPHLULLNNORDTYWDTEKAYLJANYMUXEOEYXHGTWLSYPQUSOHRXEDNIEKAYEHRRTQAYZUIXZXTYSHRJTWCFYWBJCHAXZQEIHLTMTWCFYWBJMDRLLLNJOZIYSLTIZHSSEIEJWSIYJRFWPPOWDHOWQHAWLQDNEDBXZOUYPOYBTOLSZWSYZSEAPUUSELLDZXAWPGEFOFASJRUXERPNEPADMHWNEKTMPVEBPDPTYVIIZQTPYRWXFVPJNWVJSLCQPOOHLWEILWPFCNISROOYNHDFCDNIROESSDVJYUEJDHWMJPEBSBDTPVIYHDNYXHTMPUEXDRMZNKTJWOMJUXSYDWAWEDTYSHBJRLNSTQGYSHRJHDSFHDRFQHWDPDRXQUORYRWSFFLJLUWFCWHJHKOQPWHNYJAQWWHNDHVJCBTMTQGNDJOSPMUXEJOSPWHJCHWJCHSZCYIAZUSMPUEYSHRJYRBTOBKSPZWMZVTFCWEITWIYHDSYSHMFNKISPVIIZQTZYGEWDWASOGEKPQSJYHTBZUKHZPPZEHRSPZPTHHRKFOHTZNEITQTTPYEWJWHNYJTWFVTJOWOWFQIYLOLYSHYXLBIYRRTXXDRYLQEBZUDJCRFNYWEQWLGJYFEYSHNNEVABLOLUPRPQPDSFEKRJLWNTEMUXEWHJZQEXZQTMPRTMPUSNOHDJNLDJORUYQDTJTQARTFRTDHCTYGECEHRRTQAYTRNITGNYDHEYSHWFCLWFDEOWYDFYPUISEKEWFLNXRUEBFSTMPUEXEDRATQGMTGISRIRTXWHJSNSYSHWMLWHZYWEWVLLQPUSULWRTWPAHSLNJDEUNWGISLXTTXDTJOIAHERRNPVMTDWOKFVWJCHRTFQDJOXPUFWISNDMUDIOWZUDJCOYITVPTDDLGFUNJOLNGJOAXPUSHLQSTXHOKFVWJCHKJAWAQTYEYZZOWVOOFOLNLMRDNPVTMPGIXARSFWXNNEVRFYQILSWASOGADHHWJCHTMLWCQZVEYZJONYJOZEIOWPYEWMXTYSHRJHDSTYHMFYZHTEDULSWUXERFNRKTYZVTTCPTMPZIWPRFYSHCFXSSYZVMFDKTMZVERPWAQXRTMPUFZNNEWDLNYZMUSVKEYFUNJOLTFCRUSOKEGCRULSWUXMDCPQUOREKEGCLNPADUXPKIXYDMJTVCTYQOWURHSNRNSZUYTFUSTYVAWLKYTFUUSMRRSDRN

**---------------------------------------------------TRIAL 5 -----------------------------------------------------**

key: “rdrn”

SCUYGFYNBFHEVLHEQZKSZZJDGPNAUEBYOSQTADQYWIQCLWODGYJMGGUUFWUSKTIAQOENLXQKWLIOMYTUFWUSKTIAQOEYGFKNVPHSLLDDVZOOMFDDWCITSYTYWDTOFEXUJECEAXXEJPJOZPBPQZKRWPIEKPHGWLDTLPSHUZCAKDYGFPTTGAHOLPSTQZKYGFLETPUNLLHGWEJEVQERLPHMAYQTAZDIVZDTCYEWAEBOGVILAVUILXYGZEIPJPQDLZJHADVUJYYTMCUWSCUHGFIESNHOKDJHWLBLWJJHWAQIFEENLSUWSWBSKEQRLTDGLZRLADJEJFFBWEJEJRUTSYETZPHTJFSKJZKNVEETZTISAOUTZTIIKLCIKEQKWTXANPDTVZDESYOTZTDGFZRULJEUOTBLAEIVWCOIEAERLLDTLSQTQZKLAGUIULDTTPBIWGUTZTIIKSQPHPDIFRXOONEUDOJHSYCAFRUTMAQFLPHYGFDOLLCAFLJEJXYNSEERUJREJOONSXYCKXEDWWIUKAUCLGUHANBEKTWHLPTOFXETGCQTHTSOKZKTZMEUFOKNAEITOZPEJZIIPLDDXTLEKPLEFLJTWXFTAYJEJNUPLFDILZDEXZKRLSHEWNEMWTDTZTIIKZDEXZKRLSHEWHUSLMEUFOENGWOMHTSAHAHOSNXIFREVWCBAFOQIJFDILEMOOPHEGYXIEHUSLMEUFOIAFEQMGYYCSLJFGFHZWCEFAGUAELSHAYUYGFCESYBICPQRGMETFZJAJZROLNOBGCWCQMURFPJIUZHGSYYSEMKTZPMAKMBEWOYNYUKSLLIEUZDDCPUPQZKRZPQDVZMNDZITZTCGGZTCGGURSWHIYSJLADJEFEXELPHMAYQTGCIAFTDFAWJRSEYOFFDILAQRLXQNHLHTELSHAYUUFOURFPQTZTJSSSOPWCQLDZOCGXRALNXAKDYSETHCGAHOUPISGCSOFEHODWUDXFBLQLHMGCUDNPHYLZKGZMKTGFJSAOUILDBINTDGZFCAFEYSKFUFDPIHKVYNZLYRTWEOVRHOOYVOJEXEUJROJRILGZARWPIEAVDOOJEUOLDTLZXEDARULAQYSEJEFEYOFEXEKPHIWDXAVCKBTPHSCTDWWDFOLEUDLSUMWLIYTFJTZPIESCUNWHJHWJBOGVXUELDSOPQTTLTBJPQTZPLEJJJHAYWVWCOHSCTTGDFOLTXAVEEWSTJTAWXEEZLEVZDYGFREXZHEANEUDOPEJZXIESUYAXDOLDJUHTTYCYEWLSUYULDTTFYLVLDYLSYNYWYKWEXALJUTFZDOLJUTFZJFGCQBGFJFGCJYQPQRKDEILDVRGXJHWQKTMCUIKEXALCYGZEENWAESKTRLWQKTMCUFGFHYGFHPGTDTGQLIWHYDGYJKFZMTZPJEUSITMQVAFOOOMCUFJZCTZPVULFHELZERARXTJTWHLNOBGCWSVZDTXPULHLYNAOEDGYJDGEXALLWAAYZUKEBELXUGGWYSLPDUFOURKEQNVEXALEURETDALZHIKZKTLSURWTJCSYJBWCUAKZDEVHYTZTJCSYJBWMQRYLYNWOMILSYTVZUSFEVEWWFILJEFJPCOJDUOJQUAJLDDAEQBKZBULPBYOTBLFZJSLZFENPHUFEYLQZKAJPTESOSAFJEUKEEPAECAQMUWAEXTZPIEOPQPGYIIVZDTCYEWKFIPWNJVWSYCDPBOULJEVLJPSCAIFRBOLNUDSCQNVRBEFSQVWYHEWDUWZJCEOSODGPIILHQNLXUTZPHEKDEMMNXTWWBMWUKSLDJAJEQTLSUBWRYNFTDGLSURWHQSSHQRSQUWQPQRKQHOEYEWFFSLWLHWSCJHWHXODPJHAYWADWJHADUVWCOTZTDGADWOFPZUKEWOFPJHWCUWWCUSMCLINZHSZPHELSURWYEBGOOKFPMWZZITSCJEVTJILHQSLSUMSNXIFPIIVZDTMYTEJDJAFOTEXPDSWYUTOZHKUZCPMEURFPMPGHURXFBHGZAEVTDTGPLEJJJHAYWTJFITWOJOJFDILLBLLSUYKLOILRETKXQRLLDEOZHDWCEFAYJEDWYGWYSELSUNAEIAOLBLHPEPDPQSSEXRWLJNGEZUKEJHWZDEKZDTZPETZPHSAOUDWNYDWOEULQQTWTDAETSRGDUCGYTEPEURETDALTENVTTNLDUELSUWSCYWSDROJYQFLPHIFEXEJFYNKRHEOFFTZPHEKEQRNTDGZTTIFRVRGXJHWSASLSUWZLJHMYJEJVYLDPHSHLJRGWCAUSYNWDRUAWTIFLKTGXQTWOVAUEERAPIMGDJOXFIWWCURGFDDWOKPHFJIFNQMHDVOJZHDWCBYVTIPGDQLTFHNWOYNTJBAKPHSULDSGXUOXFIWWCUKWAJADTLELZMOJVBOSOYNYMEDAPITZPTIKAESSWKNAEIRSYDIYSJAFOTAQHUWWCUTZLJCDZIELZWOAYWOMEVOJPLEJMKTLSURWHQSGYUMSYMHGEQUYSJUKEEFARXTLZITGCCTZPMIJPEFLSUCSXFSLZIMSDXTZZIEEPJADXETZPHFMNAEJDYNLZZUFVXELFHNWOYTSCEUFOXETCEUYSJUKMQCCQHOEEXETCYNCAQUKPXIKYQMWTICGYDOJUEHFNENFZHYGFHSGYIAJLXYGFHUFMERFDEN

**---------------------------------------------------TRIAL 6 -----------------------------------------------------**

key: “cren”

HOHYVRLNQRUEKXUEFLXSOLWDVBAAJQOYDEDTPPDYLUDCAIBDVKWMVSHUUIHSZFVAFARNAJDKLXVOBKGUUIHSZFVAFARYVRXNKBUSAXQDKLBOBRQDLOVTHKGYLPGOUQKUYQPEPJKEYBWOOBOPFLXRLBVEZBUGLXQTABFHJLPAZPLGUBGTVMUOABFTFLXYVRYEIBHNAXUGLQWEKCRRABUMPKDTPLQIKLQTRKRWPQOOVHVLPHHIAJLGOQVPYBDDALWHPPIUYKLTBOHWHOHHVRVEHZUOZPWHLXOLLVWHLMDIUQRNAEHWHIOSZQDRAFQGALELPPWEYRSBLQWEYDHTHKRTOBUTYRFKYLXNKQRTOFVSPAHTOFVIZXPIZQDKLFKACBQTKLQEHKBTOFQGULEUAVRUDFOLPQVVLOBITMRRAXQTAEDTFLXLPSHIJXQTIBOILSHTOFVIZEDPWBQIUDKODZRUSAWHHKPAUDHTBMDFABUYVRQOAXPAUXWEYJLNHQRRJVEEYABNHJLCZJRDLIVUZMHCASHHPZOEZFJHABGOUJRTVODTWFFOZLXTOYRUUAXNPQVTDLCEYLVIEXQDMFYEZBYEUXWTLJSTPKWEYZHPARQIALQEMLXRAEUELZRMLFQTOFVIZLQEMLXRAEUELTHSAYRUUARNVIBMWFFAWMUOHZKIUDRVLOOAUADIYRQIAQZODBUEVKKITTHSAYRUUAVAUQDMVKLCHXWFVRUZLORFPSHATXFHPKHYVRPEHKOIRBDRVYRTULWAYLEOAZBBVOJCFYHRUBWIJLUGHKLSTYXTOBZAZYOELALNNGXSAXVEJLQDRBHPFLXROBDDKLZNSLVTOFPGVLGCVSHRHIUINEWLPPWEUQKEABUMPKDTVOVAUFQFPIWRHQLOURQIAMDRAJDNWXUTTXFHPKHUUAHRUBDTOFWSHEBPLODLSLBCVJEAAZKAZPLSTFUCVMUOJBVSVOFOUQUOSIHDMROLFXUMVOHDCBUYALXGOYXTVRWSPAHIAPOICFQGORPAUQLSZRHFSBVHZHLNOXLRIIROKDUODKIOYQKEJVEOYDVLVLNRLBVEPHQODVRUDXQTALKESMEUAMDYHQWEUQLOUQKEZBUILPKAKOXBIBUSRFQWLPSOAQHDAEHMLXVYIRWTOBVEHOHNLTWHLVOOVHKUTXQSDBDTIXGBYBDTOBYEYVWHPKJVLOBHHOGTVPSOAFKAKQRWHFWTPIKETLYEKLQYVREEMLUEPZRUSACEYLKITEHYPJQOAPWUWFGYRKRWAEHYJXQTIRLLKXQYAELNNILKLQKAAVHTULQOAVHTULWFVODBVRWFVOWYFBDRZPRIAPIRVJWHLCXTBOHIZQKAAOLGOQRNLMRSZFELLCXTBOHFVRUYVRUPVFQTVCYILTLDVKWKULZTOBWEJEVTBCIAUABOBOHFYLPTOBIUARUEALRRPDKTYFJHAZBBVOJSKLQTMBHLWXLNPARDVKWDVQKAAXJAPKMUZQOEAJHGVILSABQUUAHRZQDNKQKAAQHRTFQAALUIZLXTAEHRLFWCHKWBLOHAZLQEKTLTOFWCHKWBLYDRNXLNLAZIAELTKLHSUQIELISIAVRFYBPOYPHOYCHAYXQDPQDBZLOUABOYDFOLULWSALSECBUUUQLLFLXAYBGEHAFAUVRUZQRPPQPAFYHWPQKTOBVEDBDPVKVIKLQTRKRWZRVPLZWVLELCSBOOJXWEKXWPHONIUDOOAZHDHODNKDOEUEDVLKUELPHWOVPEDEBDVBVIATDNAJHTOBUEZPRMBZKTLIOMLGXSAPWAYQDTAEHBLDLNUFQGAEHRLTDSHTDRHCHWFBDRZCUOTKRWURFLLXUWHOWHLTKOSBWHPKJASIWHPPHVLOBTOFQGPPJOUBMUZQJOUBWHLOHWLOHSBOYICLUSOBUEAEHRLKRBVABKUBZWOLVTHOWEKFWIATDSAEHMHZKIUBVIKLQTBKGEYPWAUAGEMBQSLKHTDLUKJLPPBQHRUBZPVTHRMROHVLNEKFQTVBYEYVWHPKJTYRVTLAWOYRQIAXOLAEHYZXBIADRTZJDRAXQEDLUDLORFPKWESILGLKFEAEHNPQVADXOLWBRPSBDSHQKRLXWNVQMUZQWHLLQEZLQTOBRTOBUSPAHDLZLDLARUACDTLFQATFFRVPHCVKGEEQHRTFQAAFRNKFGNAPHEAEHWHOLWHPEOYKDFABUIUQKEYRLNZDUEDRSTOBUEZQDRCFQGOFGIUDIRVJWHLENSAEHWOXWHBKWEYHLLSBUSWXWRVIPAJELNLPEUPIGIUXXTVJDTLAIAJQRRPBVMVPWOMRVWLOHRVRQDLAXPWRWIUZDMWPIOYLUDLOOYKFVPVPDLIRUNLALNIVOAZBUSJXQSVJHOMRVWLOHKLMWASFYEALZOYHOOHALNNYRDPBVTOBGIZMRSHIXNPQVRHKQINEWAUAGAFTHWLOHTOXWCSLVEALJOPKJOBQIOYBYEYYXTAEHRLTDSVKHMHKZHVQDUNEWUZQRFPDKTALVTVOPTOBZIYBRFAEHCHJSSALVMHPKTOLVETBWASJRTOBUFBZNEYPLNALMUUHKEARUNLALTHORUUAKEIORUNEWUZYDCRCUOTQKEIOLNRMDUZBKIZKDMLFVCVKQOYGRHUZRNULUYVRUSVKVAYXKYVRUUUYRRUPRN

**---------------------------------------------------TRIAL 7 -----------------------------------------------------**

key: “meee”



**---------------------------------------------------TRIAL 8 -----------------------------------------------------**

key: “ghee”

DYHHRBLWMBUNGHUNBVXBKVWMRLAJFAOHZODCLZDHHEDLWSBMRUWVRCHDQSHBVPVJBKRWWTDTHHVXXUGDQSHBVPVJBKRHRBXWGLUBWHQMGVBXXBQMHYVCDUGHHZGXQAKDUAPNLTKNULWXKLOYBVXAHLVNVLUPHHQCWLFQFVPJVZLPQLGCRWUXWLFCBVXHRBYNELHWWHUPHAWNGMRAWLUVLUDCLVQRGVQCNURFLAOXRRVULRHRWTLPKAVYULDMWVWQLZIDUULCXYHFDYHQRBVNDJUXVZWQHHOUHFWQHWDRQARWWOHFDSOBVADAWPQPWVEULZWNUBSKHAWNUNHCDURCKLUCUBFTUVXWGARCKPVBLKHCKPVRVHPRVADTHPKJYLQCGVQNDUBCKPQPQVEDWFRDZPOULAVEHYBRPWRAWHQCWODCBVXULCHRFHQCELORHCHCKPVRVODYSLQRQNKXZJRDOKWQDUPJQNHCXWDOWLUHRBQXWHPJQHWNUTLWDARAFFENUKBWDTLLVTRMHSVDVWHLWCHQLJONVPJQWLGXQTRCRYDCSPFXVVXCKIRDQKXWLAVCZVCNUVVRAHQMIPYNVLYNQHWCHTSCLUWNUJHYWBQRWVQNIVXAWOUNHJRVHPQCKPVRVVQNIVXAWOUNHDHBWIRDQKRWRSBVSPFJSWUXDJKRQNREHYOJQKDRUBQRWAZXZLUNRUKRPDHBWIRDQKVJQADVRULLDHWORBUIHYROLCHJPHFQLUHHRBPNDUORNLDARIRCQVWJUVEXWJBKRYJLBIHAQLWRFVUPDULBPIXCKLZJVIONHKLWJQXBWHVNFVQMNLHYBVXAKLDMGVZWOVVCKPPPRVGLRCHADSURJOWULZWNQAKNWLUVLUDCRYVJQPQOLSWADALXQBQRWWDAWTDWSHUCPHFQLUHDQKHAQLDCKPWBDOBYHYDUOVBLRTEJWJKJVZLBPPULRWUXFLVBRYFXQAUXOSHMIBOUBHUVRYHMYLUHWVXPKIXCRBWBLKHRWZORYPQPKBPJQALBVBHOOLVQVRLWKHLAESRXGNUXZUIXUAKNFFEXUNVURVNAHLVNLRQXZFRDZHQCWVKNOWEDWWDHDAWNQALXQAKNVLURHZKJGYXKELUBNPQFHZSXWAHMWOHVHHVHEBWCKLVNDYHWHDWQHFOXRRKDPHQBZLDCEHGKULDCKLYNUFWQLUJEHYBQDYGCRZSXWPKJGARFDPWCLSKNPVYNGVQHRBENIVUNLJRDOKCNUVKRPOHHLTQXWZWDSPGHNURFWOHHFHQCEBLUGHQHWOLWJSLTHAKJWFHCQVQXWFHCQVWORYDKRBWORYWHBLDAVZRRWZIARTWQHMXCXYHRVAKJWYLPKARWHWRBVPEUHMXCXYHORBUHRBUYRPQCRMYRHDLMRUWTQVZCKLWNFOVCXMIJQKBXXYHOUVPCKLIDWBUNWVRALNKCUPJQWJBKRYJBGVQCILHUSHLWLKRMRUWMRAKJWHJJLUMDVAONWTHPRSLBWLQDQKHAVADWGAKJWAHAPPQJWVURVVXCWOHAHPWLDUWKHYHJVVQNGDLCKPWLDUWKHIDAJHLWHKZRWOLCGVHBQAINHSSRWFROULPXUZHXUMHJUHQMLADKVVODWLOHZPOUQVWBWVSNYLUDQALUBVXJULGNDKFJQFRDVARYLAPJBIHFLAKCKLVNZLDYRUVRGVQCNURFVBVYHJWEHOLLOLOXFHWNGHWYDYNRQNOXWJHMDYDWGNONQODEHUUNHZHFKFPNZOBMRLVRWDDWWTHCKLUNVZRVXJKCHSOVHQXBWZWJUADCWOHKHNLWQPQPWOHAHDDBDDDADMHFBLDAVMUXPURFQBFUHHUFDYWQHDKXOLWQLUJJOSWQLZHEHYBCKPQPLZJXQLMDVAJXQLWQHYHFHYHBXYYRYVUBKLUNWOHAHURKRKBTQLZFKVVCDYWNGPWRWDDBWOHVDJKRQLVRGVQCXUGNUZWJQKGNILQBHUHCZVUTFVPYXAHAQLZYRDHAIBOQRVNNGPQCRLYNUFWQLUJCUBVCHKWXUBQRWHOUWOHHVHBRWNRCVTDAWHQNZVUMHYROLUWNOSLPHUFNWOHWLAVJZHOUSLRYOLDBDAKAHHWWRAMDVAWQHVQNVVQCKLRCKLUBLKHMHJLMHKRDWMDCHPQJPPFARZHLRUGNAAHAPPQJWPRWGPGWWZHNWOHFDYLFDZEXUUDOWLURQAKNUBLWVNUNZBSCKLUNVADAYPQPKPGRQNIARTWQHONBWOHFKHWQXUWNURLUOLUBSHWARSPJFOLWHZEDLSGRQHXCRTDCHKIJFARALLVVRZWXIBVFHYHARBQMHKXYSBWRQJDVSZIXUVUMHYOHGPVYRZDUEBUWHKLWEFOJVLUBFHQBRTHXIBVFHYHTHWWJOPYNWVZXUROXDKLWJIRMLLVCKLGRVWRBDSXWLAVADUQRJOWJQKGJBDHFHYHCKHWLOVVNWVJXLUJXXAIXULYNUIXCWOHAHDDBRUHVDUZQRADDJOWDVAROLNKCWVVCRYPCKLZRULROWOHLDTSBWVVVDZKCKVVNPLWJOTRCKLUOXJNNUZLWWVMDQRKNWBUWHKLCDYRDQKKNEYRDJOWDVIDLNMUXPAKNEYLWNWDDVLKRVUDVHPVLRUQXUQRQQJRWQVUHRBUBRUVJUHKHRBUDQIRAQZRW

**---------------------------------------------------TRIAL 9 -----------------------------------------------------**

key: “fern”

EBUYSEYNNEHEHKHECYKSLYJDSONAGDBYARQTMCQYIHQCXVODSXJMSFUURVUSWSIACNENXWQKIKIOYXTURVUSWSIACNEYSEKNHOHSXKDDHYOOYEDDIBITEXTYICTORDXUVDCEMWXEVOJOLOBPCYKRIOIEWOHGIKDTXOSHGYCAWCYGROTTSZHOXOSTCYKYSELEFOUNXKHGIDJEHPERXOHMMXQTMYDIHYDTOXEWMDBOSUILMUUIXWYGLDIPVOQDXYJHMCVUVXYTYBUWEBUHSEIEEMHOWCJHIKBLIIJHIZQIRDENXRUWEVBSWDQRXSDGXYRLMCJEVEFBIDJEVQUTEXETLOHTVESKVYKNHDETLSISMNUTLSIIWKCIWDQKISXAZODTHYDEEXOTLSDGRYRUXIEUASBLMDIVIBOIQZERXKDTXRQTCYKLMFUIGKDTFOBIIFUTLSIIWRQPTODIRQXOAMEUPNJHEXCARQUTYZQFXOHYSEDOXKCARKJEVWYNEDERGIREVNONEWYCWWEDIVIUWZUCXFUHMMBEWSWHXOTORWETSBQTTSSOWYKTLLEURNKNMDITAYPEVYIIBKDDJSLEWOLERKJTIWFTMXJEVMUPXEDIXYDEJYKRXRHEIMEMISDTLSIIWYDEJYKRXRHEIGUSXLEURNENSVOMTSSATZHOEMXIRQEVIBBARNQIVEDIXDMOAOHESXXIQGUSXLEURNIARDQMSXYCEKJFSEHZIBEFMFUAQKSHMXUYSECEEXBIOOQRSLETRYJAVYROXMOBSBWCCLURROJIGYHGEXYSQLKTLOMAWLBEINYNKTKSXKIEGYDDOOUPCYKRLOQDHYMNPYITLSCGSYTCSFUREVHIKRJLMCJERDXEXOHMMXQTSBIARSDFMVJREDYOREDIXZQRXWQNTKHTQKSHMXUURNURROQTLSJSEROPIBQLPYOCSWRAXMXAWCYSQSHCSZHOGOISSBSORDHOPVUDJEBLCKHMSBUDZOHYXYKGLLKTSEJSMNUIXCBIZSDGLECARDYSWEUFPOIHWUYNLKYRFVEOHQHOAXVOVDXEGIROVQILSYARIOIEMUDOAIEUAKDTXYXEPZRUXZQYEDJERDYORDXEWOHIICXAHBKBFOHSOSDWICFOXDUDXRUMIKIYFEJTLOIEEBUNIGJHIIBOSUXUQKDSAOQTFKTBVOQTLOLEVIJHMXWVIBOHEBTTSCFOXSXAHDEWESJTMVXEQYLEHYDYSEREJYHEMMEUPNPEVYXIQRUYMWDOXCJUTSTYOXEWXRUYGKDTFEYLHKDYXRYNKVYKIDXAXIUTRYDOXIUTRYJFSBQBSEJFSBJYCOQRWCEIXCVRSWJHIPKTYBUIWDXAXBYGLDENIZESWSRLIPKTYBUFSEHYSEHPSSDTSPLIIGYDSXJKRYMTLOJEGRITYPVARNOOYBUFVYCTLOVUXEHEXYERMQXTVSWHXMOBSBWSHYDTJOULTKYNMNEDSXJDSDXAXKWAMXZUWDBEXWUGSVYSXODURNURWDQNHDXAXDURQSDAXYHIWYKTXRURISJCEXJBIBUAWYDEHGYTLSJCEXJBILQRKKYNINMIXRYTHYUSRDVEIVFIXIEFVOCOVCUOVPUAVKDDMDQBWYBUXOBYASBLRYJSXYFEZOHURDYLCYKAVOTEENSARIEUWDEPMDCACLUWMDXTLOIEAOQPSXIIHYDTOXEWWEIPIMJVIRYCPOBOGKJEHKJPEBAIRQBOXMUDEBQNHQBERRQVIXHEICUWLICEARODSOIIXGQNXWUTLOHEWCEMYMXTIVBMITKSXCJAVDQTXRUBIQYNRSDGXRURIGQSEGQREPUWCOQRWPHOQXEWRESLIKHWEBJHIGXOPOJHMXWAPVJHMCUVIBOTLSDGMCWOROZUWDWOROJHIBUWIBUSYBLIZYHSLOHEXRURIXEBSNOKROMWLYITEBJEHSJIXGQSXRUMEMXIROIIHYDTYXTEVCJARNTEJODSIXUTAYHKGYCPYDURROMPSGURJEBHSYAEHSDTSOLEVIJHMXWTVEITINJOVEDIXKBLXRUYWKOIXQETWWQRXKDEAYHDIBEFMXJEPVYGIXSEXRUNMDIAAKBLTOEPPOQSEDXRIKJNSDZUWDJHIYDEWYDTLOETLOHSMNUDIMYDINEUXPQTISDAQSSRSCUCSXTEBDURQSDAXSENHSTNXCUEXRUWEBYWECROVXQFXOHIRDXEVEYNWQHEAEFTLOHEWDQRZSDGLSTIRQVRSWJHIRASXRUWLKJHYXJEVUYLPOHSTKJRSVCAGRYNICRUMVTIRKKTSWQTINVAGDERMOIMSCJOJEIWIBURSEDDINKPTEJIRMQMTCVOVYHDIBBYHSIPSCQLFEHNINYNFIBAWOHSGKDSSWUOJEIWIBUKIZJAPSLEXYMOVUBOENYNKLEDMOITLOTIWZESEVKNMDIREXDIKRJARNTACGUWIBUTLKJCPYIEXYWOMXWOYDVOVOLEVLKTXRURIGQSSXUMEXMHSDQUKRJUWDEFMQXTXYITSBCTLOMIVOEFXRUCEWFSXYIMECXTLYIEQOJAPWETLOHFYMAEVCYNXYZURUXEXEHNINYTEBEURNXEFBEUKRJUWLQCOPHOQDXEFBYNOZQUWOXIWXQMISICSXDOVTEHRMENRYHYSEHSSXIAVKXYSEHURLERRCEN

**--------------------------------------------------TRIAL 10 ----------------------------------------------------**

key: “pron”

UOXYIRBNDRKEXXKESLNSBLMDIBQAWQEYQETTCPTYYUTCNIRDIKMMISXUHIXSMFLASAHNNJTKYXLOOKWUHIXSMFLASAHYIRNNXBKSNXGDXLROORGDYOLTUKWYYPWOHQAULQFECJAELBMOBBEPSLNRYBLEMBKGYXGTNBVHWLFAMPBGHBWTIMKONBVTSLNYIROEVBXNNXKGYQMEXCHRNBKMCKTTCLGIXLGTEKHWCQEOIHLLCHXINJBGBQLPLBTDNLMHCPYULKBTOOXWUOXHIRLEUZKOMPMHYXELYVMHYMTIHQHNNEXWUIESMQTRNFGGNLULCPMELRIBYQMELDXTUKHTBBKTLRVKLLNNXQHTBFLSCAXTBFLIMXFIMQTKYFAAPBGTXLGEUKRTBFGGHLUUNVHUQFELCQLVYORIGMHRNXGTNETTSLNLCSXIWXGTVBEIYSXTBFLIMETPJBGIHDAOQZHUFAMHUKFAHDXTOMTFNBKYIRGONXFAHXMELJBNUQHRWVUELARNUJBCMJHDYILUMMXCNSXHCZEEMFZHNBWOHJHTIOTTJFVOMLNTBYHUHANNCQLTQLSELLLIRXGDZFOEMBOEHXMTYJITCKMELZXPNRGINLGEZLNRNEKEYZHMYFGTBFLIMLGEZLNRNEKEYTXSNYHUHAHNIIRMJFVAJMKOUZAIHDHVYOEAHATILRGINQPOQBKEIKAIGTXSNYHUHALAHQTMIKBCUXMFIRKZYOHFCSXAGXVHCKXYIRFEUKEIEBTRIYHTHLMALLUONZRBIOZCSYXRHBMIWLKGUKBSGYNTBBPAMYEEYABNAGNSNXLEWLGDEBXPSLNRBBTDXLPNFLLTBFFGILWCISXRUIKIAEMLCPMEHQAENBKMCKTTIOLAHFGFCIMRUQBOHRGINMTRNJTNJXKTGXVHCKXUHAXRHBTTBFMSUERPYOTLFLRCIJUANZAAMPBSGFKCIMKOWBLSIOVOHQKOFIXDZRELSXKMIOXDPBKYNLNGBYNTIRMSCAXINPEIPFGGBRFAHQBSMRXFFBLHMHBNBXBRVIHOXDKOQKYOLQAEWVUOLDLLILDRYBLECHGOQVHUQXGTNLAEFMUUNMTYUQMEHQBOHQAEMBKIYPAAXONBVBKSEFGWYPIONQXDNEXMYXLYVRMTBBLEUOXNYTMHYVEOIHAUGXGSQBTTVXWBLBTTBBOELVMHCKZVYORHUOWTIPIONFAAXQHWUFMTCIAEGLOEXLGYIRUEZLKECZHUFASELLAIGEXYCJGONPMUJFWYEKHWNEXYWXGTVRBLXXGYNEBNAIBKYQAANVXTHLGONVXTHLMFIOTBIRMFIOMYSBTRMPHINPYRIJMHYCNTOOXIMQAANOBGBQHNYMHSMFULYCNTOOXFIRKYIRKPIFGTICOIYTBDIKMKHLPTBBMEWELTOCYAHAROOOXFLLFTBBYUNRKENLHRCDATLFZHNZRBIOZSXLGTZBXLJXBNCAHDIKMDIQAANXZACKCUMQEENJXGIIBSNBGUHAXRMQTNXQAANQXRGFGANLKIMLNTNEXRYFMCUKMBYOXAMLGEXTBTBFMCUKMBYYTRAXBNYAPINEBTXLXSHQYEYIIINVHFLBFOLPXOLCXALXGDCQTBMLEUNBEYQFELHLMSNLIEPBKUHQBLSLNALBWEUAVAHVHUMQHPCQFASYXWCQATBBLEQBTPIKLIXLGTEKHWMRLPYZMVYEBCFBEOWXMEXXMPUODIHDEONZXDUOTNXDEEHETVYKKEYPXWBVFEQERDIBLINTTNNJXTBBKEMPHMOZATYIEMYGNSNPMALQTTNEXBYDBNHFGGNEXRYTTSUTTRUCXWSBTRMCKOGKHWHRVLYXKWUOMHYTAOFBMHCKZAFIMHCPXVYORTBFGGCPZOHBCUMQZOHBMHYOXWYOXSOOOIPLKSBBKENEXRYKHBIARKHBPWBLLTUOMEXFMINTTSNEXMUZAIHBLIXLGTOKWELPMAHAWEZBGSYKXTQLKKWLFPOQXRHBPPITXRZREHILDEXFGTIBOELVMHCKZTLRLTYAMOLRGINXELNEXYMXRINDHTMJTRNXGEQLKDYOHFCKMEFIBGYKVENEXNCQLAQXELJBHPFBTSUQARYXMNIQCUMQMHYLGEMLGTBBHTBBKSCAXDYZBDYAHUNCTTYFGAGFVRIPXCIKWERQXRGFGANFHNXFWNNPXENEXWUOBWUPUOLKTFNBKIHQAELRBNMDKEQRITBBKEMQTRPFGGBFWIHDYRIJMHYEDSNEXWBXMHOKMELHBLFBKSJXMRIIFAWEBNYPUUCIWIHXNTIJTTYAYAWQHRCBLMIPMOZRLWYOXRIRGDYANPJRMIHZTMJPYOLLKDYOEYXFLPIPTLVRKNYABNVVEAMBKSWXGSIJXOZRLWYOXKYMMAFFOENLPOLHEOUABNAYHDCBLTBBWIMMHSUINNCQLRUKGIAEMAHAWASTXWYOXTBXMCFLLENLZOCKZOOQYOLBOELYNTNEXRYTTSIKXMUKPHIQTUAEMUMQHFCDATNLLTIOFTBBPILBHFNEXCUJISNLLMUPATBLLEGBMAFJHTBBKFOZDELPBNNLCUHHAENRKNYABTUOHUHAAEVOHUAEMUMYTCECKOGQAEVOBNEMTUMBAIMKTMYFLCIKGOLGHHHZHNHLKYIRKSIKLALXAYIRKUHYHRHPHN

**--------------------------------------------------TRIAL 11 ----------------------------------------------------**

key: “jkbe”

AVKHOYOWJYXNDEXNYSABHSZMOIDJCXRHWLGCIWGHEBGLTPEMORZVOZKDNPKBSMYJYHUWTQGTEEYXURJDNPKBSMYJYHUHOYAWDIXBTETMDSEXUYTMEVYCARJHEWJXNXNDRXSNIQNNRIZXHIRYYSAAEIYNSIXPEETCTIIQCSSJSWOPNIJCOTXXTIICYSAHOYBNBIKWTEXPEXZNDJUATIXVIRGCISTRDSTCKRUFIXRXOOYUIOKRTQOPHXYYRIGMTSZQIWLDRROCUVKFAVKQOYYNAGXXSWZQEERUECZQETGRNXUWTLKFAPRBSXGATMTPTSHUIWZNRYVKEXZNRKKCARUCHIXCRYITRSAWDXUCHMYBIHKCHMYRSESRSXGTEMNJVITCDSTNARECHMTPNSHDTCUDWMRUIXYEEVERMTUATETCTLGCYSAUIZKRCETCBIRREZKCHMYRSLGYPITRNKNXWGUDLHZQARSJNKKCUTGOTIXHOYTXTESJNEZNRQOWAXUACCHNRHEWAQOLSQUMEPYDSTKLTZKQIGRNSMMQTIJXNQUCOVGCPMIXSSACHFUDNHAWIXYCWSFNRSYRXETMFMBNSIBNNEZCEQVCIRZNRGKYTYTRTSTNFSAATLXNEGUVEMTCHMYRSSTNFSAATLXNEAKBTFUDNHUWOPEVPMIJPTXXAGNRNKUEEVRJNHGRRYTRTXCXWIXNORNRMAKBTFUDNHYJNXGVOROLAEZOOYXIEVUOIZKJMEIQIRKHOYSNARRRKIGAOFUCNSZJRSHXTGEKOVMLYFKANIZRCSXPAROBMFACHICJSFRNEHOWGNABTEYNCSTMKIKYYSAAHIGMDSCWLSYCHMSPOSJLOZKAAPXRGLZUIWZNNXNNTIXVIRGCOVYJNMTOIPZAAXOXNYTRTTGATQGWPEXCMEIQIRKDNHKANIGCHMZBALEYEVGULSELOQHJTGNJSWOBMMXLOTXXCIYBOVIXNXXXLPKMFYRUYEXVOVKMVIXHTSAPHFACOYZBIHKRTWRRVMTPHYSJNXOBSYKOLIYQSOOWHEOABPUXDKXXWRLXRXNNCCHXRKYUOSQAEIYNIOTXWCUDWETCTSNNLTHDTTGHAXZNNXOXNXNNSIXREWNJDVAKBIXBKMTFEWVXTXKMTLKVEEYHBYZCHIYNAVKWEAZQECRXOONDMETBWIGCBEJKRIGCHIBNRCZQIRMEEVEQAVJCOWVXTMNJDXUFAMZCIPNNMSBNDSTHOYHNFSXNIGUDLHFNRSNRMLKHIQTXTWZDPMJHKRUFTLKHCETCBYOUDETHTLOWGPOTEXNJTCKCNSTXTCKCNSZOOVGKOYZOOVZHYIGASWURTWLAOQZQEJACUVKRSXNJTVOPHXUWETUBSMHUEJACUVKOOYXHOYXYOMTCOJBREAOMORZTNSCCHIZNCLYCUJLJNHEXUVKORSSCHILDTYXNTSUAIKNCRMMQTGEKOVMBDSTCFIKUPEOWIHUMORZMOXNJTEMJIRPDSXRNTQKPOPOBTITDNHKASXGWDXNJTXKAMMTJTSXRSSACTLKAEMZLARZKEVKJSSTNDAOCHMZLARZKEFGAGEOWEHCRTLOCDSKBNXLNEPVRTCUORISXRWKXRJKJRETMIXGKSSRDTIRHWMRUNSZBTSVNVIXDNXOUYSAJRIJNAHIJNCUDSXUYIXSJYFKFIXNCHIYNWIGYORYRDSTCKRUFSYYYEGZEELOLLIRXCEZNDEZYAVQRNKRXTGKMAVGWDKRNNLGEERXNEWKFHCSNWLEMOIYRTAGWTQKCHIXNSWUVUGNCEPRVENABTWZJRXGCTLKKEKOWNMTPTLKAEAGBAAGAAJKFYIGASJXXMRUFNYIUEEXFAVZQEANXLIZQIRMJLPZQIWKEEVECHMTPIWMXNIPDSXMXNIZQEVKFEVKBUVBRVSXBHIXNTLKAERUKOHETNICFHSYCAVZNDMZRTAGBTLKVAGNRNIYRDSTCURJNRWZJNHJNFITBERKCWSXTCSSYUXKANICYOAKAFYRQOSQNDMTCOIBNRCZQIRMCRYYCEHZXRYTRTERUTLKHSEERTKUCSQGATETNWSXMEVUOIRZNLPOPERINTLKWIXYJWERUPIUYLIGBAXNAEEZWOXPDSXZQESTNSSTCHIUCHIXBIHKMEGOMEHUDTJGCEMTJMMIAOWKLORJNXXKAMMTJTMUWDMJWTWKNTLKFAVOFAWHXRRGOTIXRNXNNRYOWSKXNWYVCHIXNSXGAVMTPHMJRNKLAOQZQELQBTLKFHEZQURZNROOULIXBPEZAOPSJCLOWEWHDIPJRNEACOQGCEHLJCXUAIIYVOWZXFYYFEVKAOYTMEHAYPYZRNGGVPWLXRSXMEVRHDMYYOWGUBYXWEHOWBCRJSIXBCETBOQKXFYYFEVKTETZJLMBNTSCXRORXAHOWGFUMIIYCHIJRSTUBAPAWIXYAARTRGLZJNHJJYAKFEVKCHEZLLSYNTSMXIRMXUXLXRIBNRFACTLKAEAGBORKVARCQOXGDGLZDSXUOIKNCTSYCOVSCHICRRIUOTLKLAQVBTSYVAWNCHSYNMIZJLQUCHIXOUGQNRWOWTSPDNONNTYXWEHOCAVUDNHNNBVUDGLZDSFGLKJXXMXNNBVOWKTGDSINRSRGVEMYLORTXRNUQNGUWNSXHOYXBORYJRENHOYXDNFUANWUW

**--------------------------------------------------TRIAL 12 ----------------------------------------------------**

key: “jkbe”

AVKHOYOWJYXNDEXNYSABHSZMOIDJCXRHWLGCIWGHEBGLTPEMORZVOZKDNPKBSMYJYHUWTQGTEEYXURJDNPKBSMYJYHUHOYAWDIXBTETMDSEXUYTMEVYCARJHEWJXNXNDRXSNIQNNRIZXHIRYYSAAEIYNSIXPEETCTIIQCSSJSWOPNIJCOTXXTIICYSAHOYBNBIKWTEXPEXZNDJUATIXVIRGCISTRDSTCKRUFIXRXOOYUIOKRTQOPHXYYRIGMTSZQIWLDRROCUVKFAVKQOYYNAGXXSWZQEERUECZQETGRNXUWTLKFAPRBSXGATMTPTSHUIWZNRYVKEXZNRKKCARUCHIXCRYITRSAWDXUCHMYBIHKCHMYRSESRSXGTEMNJVITCDSTNARECHMTPNSHDTCUDWMRUIXYEEVERMTUATETCTLGCYSAUIZKRCETCBIRREZKCHMYRSLGYPITRNKNXWGUDLHZQARSJNKKCUTGOTIXHOYTXTESJNEZNRQOWAXUACCHNRHEWAQOLSQUMEPYDSTKLTZKQIGRNSMMQTIJXNQUCOVGCPMIXSSACHFUDNHAWIXYCWSFNRSYRXETMFMBNSIBNNEZCEQVCIRZNRGKYTYTRTSTNFSAATLXNEGUVEMTCHMYRSSTNFSAATLXNEAKBTFUDNHUWOPEVPMIJPTXXAGNRNKUEEVRJNHGRRYTRTXCXWIXNORNRMAKBTFUDNHYJNXGVOROLAEZOOYXIEVUOIZKJMEIQIRKHOYSNARRRKIGAOFUCNSZJRSHXTGEKOVMLYFKANIZRCSXPAROBMFACHICJSFRNEHOWGNABTEYNCSTMKIKYYSAAHIGMDSCWLSYCHMSPOSJLOZKAAPXRGLZUIWZNNXNNTIXVIRGCOVYJNMTOIPZAAXOXNYTRTTGATQGWPEXCMEIQIRKDNHKANIGCHMZBALEYEVGULSELOQHJTGNJSWOBMMXLOTXXCIYBOVIXNXXXLPKMFYRUYEXVOVKMVIXHTSAPHFACOYZBIHKRTWRRVMTPHYSJNXOBSYKOLIYQSOOWHEOABPUXDKXXWRLXRXNNCCHXRKYUOSQAEIYNIOTXWCUDWETCTSNNLTHDTTGHAXZNNXOXNXNNSIXREWNJDVAKBIXBKMTFEWVXTXKMTLKVEEYHBYZCHIYNAVKWEAZQECRXOONDMETBWIGCBEJKRIGCHIBNRCZQIRMEEVEQAVJCOWVXTMNJDXUFAMZCIPNNMSBNDSTHOYHNFSXNIGUDLHFNRSNRMLKHIQTXTWZDPMJHKRUFTLKHCETCBYOUDETHTLOWGPOTEXNJTCKCNSTXTCKCNSZOOVGKOYZOOVZHYIGASWURTWLAOQZQEJACUVKRSXNJTVOPHXUWETUBSMHUEJACUVKOOYXHOYXYOMTCOJBREAOMORZTNSCCHIZNCLYCUJLJNHEXUVKORSSCHILDTYXNTSUAIKNCRMMQTGEKOVMBDSTCFIKUPEOWIHUMORZMOXNJTEMJIRPDSXRNTQKPOPOBTITDNHKASXGWDXNJTXKAMMTJTSXRSSACTLKAEMZLARZKEVKJSSTNDAOCHMZLARZKEFGAGEOWEHCRTLOCDSKBNXLNEPVRTCUORISXRWKXRJKJRETMIXGKSSRDTIRHWMRUNSZBTSVNVIXDNXOUYSAJRIJNAHIJNCUDSXUYIXSJYFKFIXNCHIYNWIGYORYRDSTCKRUFSYYYEGZEELOLLIRXCEZNDEZYAVQRNKRXTGKMAVGWDKRNNLGEERXNEWKFHCSNWLEMOIYRTAGWTQKCHIXNSWUVUGNCEPRVENABTWZJRXGCTLKKEKOWNMTPTLKAEAGBAAGAAJKFYIGASJXXMRUFNYIUEEXFAVZQEANXLIZQIRMJLPZQIWKEEVECHMTPIWMXNIPDSXMXNIZQEVKFEVKBUVBRVSXBHIXNTLKAERUKOHETNICFHSYCAVZNDMZRTAGBTLKVAGNRNIYRDSTCURJNRWZJNHJNFITBERKCWSXTCSSYUXKANICYOAKAFYRQOSQNDMTCOIBNRCZQIRMCRYYCEHZXRYTRTERUTLKHSEERTKUCSQGATETNWSXMEVUOIRZNLPOPERINTLKWIXYJWERUPIUYLIGBAXNAEEZWOXPDSXZQESTNSSTCHIUCHIXBIHKMEGOMEHUDTJGCEMTJMMIAOWKLORJNXXKAMMTJTMUWDMJWTWKNTLKFAVOFAWHXRRGOTIXRNXNNRYOWSKXNWYVCHIXNSXGAVMTPHMJRNKLAOQZQELQBTLKFHEZQURZNROOULIXBPEZAOPSJCLOWEWHDIPJRNEACOQGCEHLJCXUAIIYVOWZXFYYFEVKAOYTMEHAYPYZRNGGVPWLXRSXMEVRHDMYYOWGUBYXWEHOWBCRJSIXBCETBOQKXFYYFEVKTETZJLMBNTSCXRORXAHOWGFUMIIYCHIJRSTUBAPAWIXYAARTRGLZJNHJJYAKFEVKCHEZLLSYNTSMXIRMXUXLXRIBNRFACTLKAEAGBORKVARCQOXGDGLZDSXUOIKNCTSYCOVSCHICRRIUOTLKLAQVBTSYVAWNCHSYNMIZJLQUCHIXOUGQNRWOWTSPDNONNTYXWEHOCAVUDNHNNBVUDGLZDSFGLKJXXMXNNBVOWKTGDSINRSRGVEMYLORTXRNUQNGUWNSXHOYXBORYJRENHOYXDNFUANWUW

**--------------------------------------------------TRIAL 13 ----------------------------------------------------**

key: “jenn”

ABYYOECNJELEDKLEYYOSHYNDOORACDFYWRUTICUYEHUCTVSDOXNMOFYUNVYSSSMAYNINTWUKEKMOUXXUNVYSSSMAYNIYOEONDOLSTKHDDYSOUEHDEBMTAXXYECXONDBURDGEIWBERONOHOFPYYOREOMESOLGEKHTTOWHCYGASCCGNOXTOZLOTOWTYYOYOEPEBOYNTKLGEDNEDPIRTOLMIXUTIYHIDYHTKXIWIDFOOUMLIUYITWCGHDMPROUDTYNHICZURXCTUBYWABYHOEMEAMLOSCNHEKFLEINHEZUINDINTRYWAVFSSDURTSHGTYVLICNEREJBEDNERQYTAXITHOLTREWKRYONDDITHSMSINYTHSMISKGISDUKESBAVOHTDYHEAXSTHSHGNYVUTIIUWSFLIDMVEBSIMZIRTKHTTRUTYYOLIFYICKHTBOFIEFYTHSMISRUPPOHINQBOWMIULNNHAXGANQYTUZUFTOLYOEHOTKGANKNERWCNADIRCIVERNSNAWCCSWIDEVMUSZYCTFYHIMFESSAHTOXONWITOBUTPSWOSYOTHLIUNNONIDMTWYTERYMIXKHDFSPESOPENKNTEWJTIXNERMYPTEHITYHEFYORTRLEEMIMESHTHSMISYHEFYORTRLEEGYSTLIUNNINOVSMPSWAPZLOAMBINQIVEBFANNUIREHITDQOWOLEOXBIMGYSTLIUNNMANDUMOXCCAKNFOELZEBIFIFYAMKWHIXYYOEGEAXFIKOUROLITNYNARYVOTMSBOBACYLYRNONICYLGAXCSMLOTHOQASLFEENCNGTOSTKMECYHDKOYPYYORHOUDDYQNLYMTHSGGOYXCOFYRAVLIGRNLICNENDBETOLMIXUTOBMANSHFIVNRADCONEHITZURTWUNPKLTMKWHIXYUNNYRNOUTHSNSARSPEBULLYSCOWVATMBASCCSMSLCOZLOCOMSOBWONDLOLVYDFEFLYKLMOBYDVOLYTYOGHLOTOENSINYITCFIVSHGHEGANDCSSEYFLOMHSUCNHKCRBVIODQLOWXZORDBECIVORQMLOYEREOMEIUHOWIIUWKHTTYBELZVUTZUYADNENDCONDBESOLIECBADBOBBOLSKSHWECJOTDYDTRYMEKMYBENTHOMEABYNEGNHEIFOOUBUMKHSWOUTBKXBROUTHOPERINHIXAVEBSHABXTOCJOTSBADDIWASNTIVBEMYPEDYHYOEVEFYLEIMIULNTERYBIMRYYIWHOTCNUPSXYKXIWTRYYCKHTBECLDKHYTRCNGVCKEDBATIYTNYHOTIYTNYNFOBUBOENFOBNYYOURSCIITCZROWNHEPOTUBYISDBATBCGHDINEZISSSVLEPOTUBYFOELYOELPOSHTOPPIEGCDOXNKNYQTHONECRMTUPZANNSOUBYFRYGTHOZUTELETYIRIQBTRSAHTMSBOBASDYHTFOYLPKCNINIDOXNDODBATKAAIXDUSDFETWYGOVCSTOHUNNYRSDUNDDBATDYRMSHATYLISYOTTRYRESNCAXNBEBYASYHEDGCTHSNCAXNBELURGKCNENQITRCTDYYSNDZEEVJITIIFROGORCYORPYARKHDIDUBSYFUTOFYWSFLNYNSTYJEVOLUNDCLYYOAROXEANWANIIUSDIPIDGAYLYWIDBTHOMEWOUPOXMIDYHTKXIWSEMPEMNVERCCLOFOCKNEDKNPABEINQFOTMYDABUNDQFENRUVEXLEECYWHIGEWRSDOOMITGUNTWYTHOLESCIMUMBTEVFMETOSTCNARDUTTRYBEQCNNSHGTRYREGUSAGURAPYWYOURSPLOMXIWNEWLEKLWABNHEGBOLONHIXAALVNHICYVEBSTHSHGICAONODUSDAONONHEBYWEBYSUBPIVYLSHOLETRYREXIBONSKNOQWHYMTABNEDSNITGUSTRYMAMBINOMIDYHTUXXERCNANNXEFOHSEXYTWYLKCYGPUDYRNOQPOGYRFEFHOYEEDSHTOOPERINHIXATREMTENNOREHITKFLTRYYSKSITQITSWURTKHEWYLDEBIFIXNELVCGEXWETRYNIDMAWKFLPOIPLOUSADBREKNNODDUSDNHEYHESYHTHOITHOLSINYDEMCDENIUTPUTESHAMSWROCYCOXXEXDYRMSHATSINDSXNTCYETRYWABCWACVORXUFTOLINDBERECNSQLEWEJTHOLESDURVSHGHSXINQZROWNHERESTRYWHKNHUXNERUCLLOLSPKNROVGACRCNECVUIVXINKOTOWUTENZACDIRIOMMOCNOFEMWEBYROEHDENOPPENINMUMPCZORYLDEBFYDSMPOCULBELNENCNBIFASOLSCKHSOWYOFEMWEBYKEZNALSPETYQORUFOANCNGLIDIOMTHOXISZISAVONIDMRAXHIGRNANNXAYGYWEBYTHKNCLYMETYAOIXAOUDZOROPERLOTTRYREGUSOXYMAXQHODUUGRNUSDIFIQBTTYMTOBGTHOQIROIFTRYCAWJSTYMMACBTHYMEMONALWITHOLFUMEERCCNTYDUNUBETELNENCTABIUNNBEBBIUGRNUSLUCKPLOMDBEBBCNKZUUSOBISXUMESMCOXHORTIHNMINNYLYOELSOXMARKBYOELUNLIRNCIN

**--------------------------------------------------TRIAL 14 ----------------------------------------------------**

key: “joon”

ARXYOUBNJUKEDAKEYONSHOMDOEQACTEYWHTTISTYEXTCTLRDONMMOVXUNLXSSILAYDHNTMTKEALOUNWUNLXSSILAYDHYOUNNDEKSTAGDDOROUUGDERLTANWYESWONTAURTFEIMAEREMOHEEPYONREELESEKGEAGTTEVHCOFASSBGNEWTOPKOTEVTYONYOUOEBEXNTAKGETMEDFHRTEKMINTTIOGIDOGTKNHWITEOOKLLIKXITMBGHTLPRETDTOMHISYURNBTURXWARXHOULEACKOSSMHEAELEYMHEPTINTHNTHXWALESSTTRTIGGTOULISMERUIBETMERGXTANHTHEKTRUVKRONNDTHTHILSIDXTHILISAFISTTKEIAAVEGTDOGEANRTHIGGNOUUTYHUWIELITLVERRIMPHRTAGTTHTTYONLIVXICAGTBEEIEVXTHILISHTPPEGINGAOWCHULDMHANFANGXTUPTFTEKYOUGOTAFANAMERMBNATHRCYUERDRNAMBCSMHDELLUSPXCTVXHICEESIZHTEWONMHTORTTPIVOSONTHBHUNDNNITLTWOSEROLIXAGDFIOESEOENAMTEMITINMERCXPTUGITOGEFONRTHKEECHMEIGTHILISOGEFONRTHKEEWXSTBHUNDHNOLRMPIVAPPKOACAINGHVEREANDTIRUGITTPOWEKEONAIMWXSTBHUNDLANTTMONBCAAMFOUKZERHFIVXAMAVHINXYOUFEANEIKETROBHTNOMAROUOTCRBORZCYBXRNEMICOKGANBSMBNTHEPASBEEEDBNGJNSTALECOGDKEXPYONRHETDDOPNLOLTHIFGOOWCOVXRALKIGHMLISMENTAETEKMINTTORLANIGFILMRATBONUGITPTRTMTNPAKTMAVHINXUNDXRNETTHIMSAHRPERTLLORCOMUATCAASSBSMIKCOPKOCELSORVONTKOLLXDFUELYAKMORXDVEKYTONGHBNTOUMSIDXITSEIVIGGHUFANTBSSUXFLELHSKBNHABRBLHODGKOWNYORTAECYUORGLLOODREELEIKGOWYHUWAGTTOAELPUUTPTYATMENTBONTAESEKIESAADRNBBEKSKIGWESIOTTXDTHXMEALYBUMTHELEARXNEWMHEYEOOKAUMAGSWETTBAWBRETTHEOERYMHINZVERRHARWTOSIOTIAADTHWAIMTILAEMOOEDOGYOUUEFOKEICHULDSEROAIMHXYIMGOTSMUPIWYKNHWTHXYCAGTBUBLDAGYTHBNGLBKETAATYXTNOGOTYXTNOMFORTBOUMFORMYYETRSSHITSYROMMHEFNTURXISTAATRBGHTHNEPHSSIULEFNTURXFOUKYOUKPOIGTOFOIEWBDONMKNOPTHEMECHLTUFYANDROURXFROFTHEYUTUKETOHRIGATRIZHTCRBORZSDOGTFEXLPABNIDHDONMDOTAATAZAINCUSTEETMXGOLBSTEGUNDXRSTTNDTAATTXRMIGATOKISONTTHXREIMCANMBERXASOGEDWBTHIMCANMBEBTRGABNEDPITHBTDOXSNTYEELIITYHFREFORSXORFXARAGDITTBSOEUTEEYWIELNOMSTOIEVEKUNTBLYONAREWEADVANYHUSTHPITFAYBXWITATHELEWETPONLIDOGTKNHWSULPECMVEHBCLEEOCAMEDAMPARDINGEOTCXDARTNDGEENHTVENKEESXWHYFEWHRDOELITWTNTMXTHEKESSHMUCATELEMEJNSTSMARTTTTHXBEGBNNIGGTHXREWTSAWTRAFXWYETRSFKOMNHWNUVLEAKWARMHEWAOLEMHINZALLMHISXVERRTHIGGISZONECUSTZONEMHERXWERXSUROIVOKSHEKETHXRENHBODRKNEPWHOLTARMEDIMITWTSTHXMACAINELIDOGTUNWERSMANDWEFEGSENXTWOKKCOFPUTXRNEPPOWXRFUEHOODEDIGTOEOERYMHINZTRULTEDMORUGITAELTHXYSARITGHTSMTRTAGEWOKDERHFINMELLBGENVETHXNITLAWAELPEHPLETSATAREAMNOTCUSTMHEOGESOGTHEHTHEKSIDXDECBDEDHUTFTTEIGAMIVROSXCONWEXTXRMIGATIHNDIWNTSXETHXWARBWASUORNTFTEKINTAERUBNSGKEWUITHEKESTTRVIGGHIWINGYROMMHEHDSTHXWHAMHUNMERKBLLEKSPAMROLFACHBNESUUILWINANTOMTTEDYACTHRIELMOSMOFULWERXROUGDEDNPPUMINCTMPSYOROKDEREYDILPOSTLBUKNEDBNBYEASEKSCAGSOMXOFULWERXKEPMALIOETOPORKEOADBNGBHDIELTHEWISPHSALNNITLRANGIGHMANDWAYWXWERXTHAMCLOLETOZOINZOUTYOREOERBNTTHXREWTSONXMANPHOTTUGHMUSTHFIGATTOLTORFTHEPIREHFTHXCAMISTOLMASATHOLEMEMALMHTHEKFUCDERSBNTOCUNKAETUKNEDBTARHUNDAEBRHUGHMUSBTCKFKOMTAEBRBNKPTUSEAISNTMEILCONGORJHHNCHNNOKYOUKSONLARAAYOUKUNBHRNSHN

**--------------------------------------------------TRIAL 15 ----------------------------------------------------**

key: “jkon”

AVXYOYBNJYKEDEKEYSNSHSMDOIQACXEYWLTTIWTYEBTCTPRDORMMOZXUNPXSSMLAYHHNTQTKEELOURWUNPXSSMLAYHHYOYNNDIKSTEGDDSROUYGDEVLTARWYEWWONXAURXFEIQAERIMOHIEPYSNREILESIKGEEGTTIVHCSFASWBGNIWTOTKOTIVTYSNYOYOEBIXNTEKGEXMEDJHRTIKMIRTTISGIDSGTKRHWIXEOOOLLIOXITQBGHXLPRITDTSMHIWYURRBTUVXWAVXHOYLEAGKOSWMHEEELECMHETTINXHNTLXWAPESSXTRTMGGTSULIWMERYIBEXMERKXTARHTHIKTRYVKRSNNDXHTHMLSIHXTHMLISEFISXTKEMAAVIGTDSGEARRTHMGGNSUUTCHUWMELIXLVEVRIMTHRTEGTTLTTYSNLIZXICEGTBIEIEZXTHMLISLTPPIGINKAOWGHULHMHARFANKXTUTTFTIKYOYGOTEFANEMERQBNAXHRCCUERHRNAQBCSQHDEPLUSTXCTZXHIGEESMZHTIWONQHTOVTTPMVOSSNTHFHUNHNNIXLTWSSERSLIXEGDFMOESIOENEMTEQITIRMERGXPTYGITSGEFSNRTLKEEGHMEMGTHMLISSGEFSNRTLKEEAXSTFHUNHHNOPRMPMVAPTKOAGAINKHVEVEANHTIRYGITXPOWIKEORAIMAXSTFHUNHLANXTMORBCAEMFOYKZEVHFIZXAMEVHIRXYOYFEAREIKITROFHTNSMARSUOTGRBOVZCYFXRNIMICSKGARBSMFNTHIPASFEEEHBNGNNSTELECSGDKIXPYSNRHITDDSPNLSLTHMFGOSWCOZXRAPKIGLMLIWMENXAETIKMIRTTOVLANMGFIPMRAXBONYGITTTRTQTNPEKTMEVHIRXUNHXRNITTHMMSALRPEVTLLSRCOQUATGAASWBSMMKCOTKOCILSOVVONXKOLPXDFYELYEKMOVXDVIKYTSNGHFNTOYMSIHXITWEIVMGGHYFANXBSSYXFLILHSOBNHEBRBPHODKKOWRYORXAECCUORKLLOSDREILEIOGOWCHUWEGTTSAELTUUTTTYAXMENXBONXAESIKIEWAADVNBBIKSKMGWEWIOTXXDTLXMEELYBYMTHILEAVXNEAMHECEOOOAUMEGSWITTBEWBRITTHIOERCMHIRZVEVRHAVWTOWIOTMAADXHWAMMTIPAEMSOEDSGYOYUEFSKEIGHULHSERSAIMLXYIQGOTWMUPMWYKRHWTLXYCEGTBYBLDEGYTLBNGPBKEXAATCXTNSGOTCXTNSMFOVTBOYMFOVMYYITRSWHITWYROQMHEJNTUVXISXAATVBGHXHNETHSSMULEJNTUVXFOYKYOYKPOMGTOJOIEABDORMKNSPTHIMECLLTUJYANHROUVXFRSFTHIYUTYKETSHRIKATRMZHTGRBOVZSDSGTFIXLPEBNIHHDORMDOXAATEZAIRCUSXEETQXGOPBSTIGUNHXRSXTNDXAATXXRMMGATSKISSNTTLXREMMCARMBEVXASSGEDABTHMMCARMBEFTRGEBNEHPITLBTDSXSNXYEEPIITCHFRIFORWXORJXAREGDIXTBSSEUTIEYWMELNSMSTSIEVIKUNXBLYSNARIWEAHVANCHUSXHPIXFAYFXWIXATHILEWITPORLIDSGTKRHWSYLPEGMVELBCLIEOCEMEDEMPAVDINKEOTGXDAVTNDKEENLTVERKEEWXWHCFEWLRDOILITATNTQXTHIKESWHMUGATEPEMENNSTWMARXTTTLXBEKBNNMGGTLXREATSAATRAJXWYITRSJKOMRHWNYVLEEKWAVMHEAAOLIMHIRZALPMHIWXVEVRTHMGGIWZONICUSXZONIMHEVXWEVXSUVOIVSKSHIKETLXRERHBOHRKNIPWHSLTAVMEDMMITATSTLXMAGAINILIDSGTURWERWMANHWEFIGSERXTWSKKCSFPUXXRNIPPOAXRFYEHOSDEDMGTOIOERCMHIRZTRYLTEHMORYGITEELTLXYSERITKHTSQTRTEGEWSKDEVHFIRMELPBGERVETLXNIXLAWEELPIHPLITSAXAREEMNOXCUSXMHESGESSGTHIHTHIKSIHXDEGBDEHHUTJTTEMGAMMVROWXCORWEXXXRMMGATMHNDMWNTWXETLXWAVBWAWUORRTFTIKINXAERYBNSKKEWYITHIKESXTRVMGGHMWINKYROQMHELDSTLXWHEMHURMEROBLLIKSPEMROPFACLBNEWUUIPWINENTOQTTEHYACXHRIILMOWMOFYLWEVXROYGDEHNPPYMINGTMPWYORSKDEVEYDMLPOWTLBYKNEHBNBCEASIKSCEGSOQXOFYLWEVXKETMALMOETSPOROEOAHBNGFHDIILTHIWISTHSAPNNIXLRARGIGLMANHWAYAXWEVXTHEMCLSLETSZOIRZOUXYORIOERFNTTLXREATSORXMARPHOXTUGLMUSXHFIKATTSLTOVFTHIPIRIHFTLXCAQISTSLMAWATHSLEMIMALQHTHIKFUGDERWBNTSCUNOAETYKNEHBTAVHUNHAEBVHUGLMUSFTCKJKOMXAEBVBNKTTUSIAISRTMEMLCORGORNHHNGHNNSKYOYKSORLAREAYOYKUNFHRNWHN

**--------------------------------------------------TRIAL 15 ----------------------------------------------------**

key: “joen”

ARHYOULNJUUEDAUEYOXSHOWDOEAACTOYWHDTISDYEXDCTLBDONWMOVHUNLHSSIVAYDRNTMDKEAVOUNGUNLHSSIVAYDRYOUXNDEUSTAQDDOBOUUQDERVTANGYESGONTKURTPEIMKEREWOHEOPYOXREEVESEUGEAQTTEFHCOPASSLGNEGTOPUOTEFTYOXYOUYEBEHNTAUGETWEDFRRTEUMINDTIOQIDOQTKNRWITOOOKVLIKHITMLGHTVPREDDTOWHISIURNLTURHWARHHOUVEACUOSSWHEAOLEYWHEPDINTRNTHHWALOSSTDRTIQGTOELISWERUSBETWERGHTANRTHEUTRUFKROXNDTRTHIVSIDHTHIVISAPISTDKEIKAVEQTDOQEANBTHIQGNOEUTYRUWIOLITVVERBIMPRRTAQTTHDTYOXLIVHICAQTBEOIEVHTHIVISHDPPEQINGKOWCRULDWHANPANGHTUPDFTEUYOUQOTAPANAWERMLNATRRCYEERDBNAMLCSMRDELVUSPHCTVHHICOESIJHTEGONMRTORDTPIFOSOXTHBRUNDXNITVTWOCEROVIXAQDFIYESEYENAWTEMSTINWERCHPTUQITOQEFOXRTHUEECRMEIQTHIVISOQEFOXRTHUEEWHSTBRUNDRNOLBMPIFAPPUOACKINGRVEROANDDIRUQITTZOWEUEONKIMWHSTBRUNDVANTDMONLCAAWFOUUZERRFIVHAMAFHINHYOUPEANOIKEDROBRTNOWAROEOTCBBORJCYBHRNEWICOUGANLSMBXTHEZASBOEEDLNGJXSTAVECOQDKEHPYOXRHEDDDOZNLOVTHIPGOOGCOVHRALUIGHWLISWENTKETEUMINDTORVANIQFILWRATLONUQITPDRTMDNPAUTMAFHINHUNDHRNEDTHIWSAHBPERDLLOBCOMEATCKASSLSMIUCOPUOCEVSORFONTUOLLHDFUOLYAUMORHDVEUYTOXGHBXTOUWSIDHITSOIVIQGHUPANTLSSUHFLEVHSKLNHALRBLRODGUOWNIORTKECYEORGVLOONREEVEIKQOWYRUWAQTTOKELPEUTPDYATWENTLONTKESEUIESKADRXBBEUSKIQWESSOTTHDTHHMEAVYBUWTHEVEARHNEWWHEYOOOKKUMAQSWEDTBAGBREDTHEYERYWHINJVERBHARGTOSSOTIKADTRWAIWTILKEMOYEDOQYOUEEFOUEICRULDCEROKIMHHYIMQOTSWUPIGYKNRWTHHYCAQTBULLDAQYTHLNGLLKETKATYHTNOQOTYHTNOWFORDBOUWFORWYYEDRSSRITSIROMWHEFXTURHISTKATRLGHTRNEPRSSIELEFXTURHFOUUYOUUPOIQTOFYIEWLDONWKNOZTHEWECHVTUFIANDBOURHFROPTHEIUTUUETORRIGKTRIJHTCBBORJSDOQTFEHLPALNIDRDONWDOTKATAJAINMUSTOETMHGOLLSTEQUNDHRSTDNDTKATTHRMIQATOUISOXTTHHREIWCANWBERHASOQEDWLTHIWCANWBEBDRGALNEDZITHLTDOHSNTIEELSITYRFREPORSHORFHARAQDITDBSOOUTEOYWIOLNOWSTOSEVEUUNTLLYOXAREGEADFANYRUSTRPITPAYBHWITKTHEVEWEDPONVIDOQTKNRWSUVPECWVEHLCLEOOCAWEDAWPARNINGOOTCHDARDNDGOENHDVENUEESHWHYPEWHBDOEVITWDNTMHTHEUESSRMUCKTELOMEJXSTSWARTDTTHHBEGLNNIQGTHHREWDSAWDRAFHWYEDRSFUOMNRWNUFLEAUWARWHEWKOLEWHINJALLWHISHVERBTHIQGISJONEMUSTJONEWHERHWERHSURYIVOUSHEUETHHRENRBODBKNEZWHOVTARWEDIWITWDSTHHMACKINEVIDOQTUNGERSWANDGEFEQSENHTWOUKCOPPUTHRNEZPOWHRFUOHOONEDIQTOEYERYWHINJTRUVTEDWORUQITAOLTHHYSABITGRTSMDRTAQEWOUDERRFINWELLLGENFETHHNITVAWAOLPERPLEDSATKREAWNOTMUSTWHEOQESOQTHERTHEUSIDHDECLDEDRUTFDTEIQAMIFROSHCONGEXTHRMIQATIRNDIGNTSHETHHWARLWASEORNDFTEUINTKERULNSGUEWUSTHEUESTDRVIQGHIGINGIROMWHEHNSTHHWHAWHUNWERKLLLEUSPAWROLPACHLNESEUILGINAXTOMDTEDIACTRRIEVMOSWOFUVWERHROUQDEDXPPUWINCDMPSIOROUDEROYDIVPOSDLBUUNEDLNBYOASEUSCAQSOMHOFUVWERHKEPWALIYETOZORKOOADLNGBRDIEVTHEGISPRSALXNITVRANQIGHWANDGAYWHWERHTHAWCLOVETOJOINJOUTIOREYERBXTTHHREWDSONHMANZHOTDUGHWUSTRFIGKTTOVTORPTHEZIRERFTHHCAMSSTOVMASKTHOVEMEWALMRTHEUFUCNERSLNTOMUNKKETUUNEDLTARRUNDKEBRRUGHWUSBDCKFUOMTKEBRLNKPDUSEKISNDMEIVCONQORJRHNCRNNOUYOUUSONVARAKYOUUUNBRRNSRN

**--------------------------------------------------TRIAL 16 ----------------------------------------------------**

key: “jorn”

ARUYOUYNJUHEDAHEYOKSHOJDOENACTBYWHQTISQYEXQCTLODONJMOVUUNLUSSIIAYDENTMQKEAIOUNTUNLUSSIIAYDEYOUKNDEHSTADDDOOOUUDDERITANTYESTONTXURTCEIMXEREJOHEBPYOKREEIESEHGEADTTESHCOCASSYGNETTOPHOTESTYOKYOULEBEUNTAHGETJEDFERTEHMINQTIODIDODTKNEWITBOOKILIKUITMYGHTIPREQDTOJHISVURNYTURUWARUHOUIEACHOSSJHEABLEYJHEPQINTENTHUWALBSSTQRTIDGTORLISJERUFBETJERGUTANETHEHTRUSKROKNDTETHIISIDUTHIIISACISTQKEIXAVEDTDODEANOTHIDGNORUTYEUWIBLITIVEROIMPERTADTTHQTYOKLIVUICADTBEBIEVUTHIIISHQPPEDINGXOWCEULDJHANCANGUTUPQFTEHYOUDOTACANAJERMYNATERCYRERDONAMYCSMEDELIUSPUCTVUHICBESIWHTETONMETORQTPISOSOKTHBEUNDKNITITWOPEROIIXADDFILESELENAJTEMFTINJERCUPTUDITODEFOKRTHHEECEMEIDTHIIISODEFOKRTHHEEWUSTBEUNDENOLOMPISAPPHOACXINGEVERBANDQIRUDITTMOWEHEONXIMWUSTBEUNDIANTQMONYCAAJFOUHZEREFIVUAMASHINUYOUCEANBIKEQROBETNOJAROROTCOBORWCYBURNEJICOHGANYSMBKTHEMASBBEEDYNGJKSTAIECODDKEUPYOKRHEQDDOMNLOITHICGOOTCOVURALHIGHJLISJENTXETEHMINQTORIANIDFILJRATYONUDITPQRTMQNPAHTMASHINUUNDURNEQTHIJSAHOPERQLLOOCOMRATCXASSYSMIHCOPHOCEISORSONTHOLLUDFUBLYAHMORUDVEHYTOKGHBKTOUJSIDUITSBIVIDGHUCANTYSSUUFLEIHSKYNHAYRBLEODGHOWNVORTXECYRORGILOOAREEIEIKDOWYEUWADTTOXELPRUTPQYATJENTYONTXESEHIESXADRKBBEHSKIDWESFOTTUDTHUMEAIYBUJTHEIEARUNEWJHEYBOOKXUMADSWEQTBATBREQTHELERYJHINWVEROHARTTOSFOTIXADTEWAIJTILXEMOLEDODYOUREFOHEICEULDPEROXIMHUYIMDOTSJUPITYKNEWTHUYCADTBUYLDADYTHYNGLYKETXATYUTNODOTYUTNOJFORQBOUJFORJYYEQRSSEITSVROMJHEFKTURUISTXATRYGHTENEPESSIRLEFKTURUFOUHYOUHPOIDTOFLIEWYDONJKNOMTHEJECHITUFVANDOOURUFROCTHEVUTUHETOERIGXTRIWHTCOBORWSDODTFEULPAYNIDEDONJDOTXATAWAINZUSTBETMUGOLYSTEDUNDURSTQNDTXATTURMIDATOHISOKTTHUREIJCANJBERUASODEDWYTHIJCANJBEBQRGAYNEDMITHYTDOUSNTVEELFITYEFRECORSUORFUARADDITQBSOBUTEBYWIBLNOJSTOFEVEHUNTYLYOKARETEADSANYEUSTEPITCAYBUWITXTHEIEWEQPONIIDODTKNEWSUIPECJVEHYCLEBOCAJEDAJPARAINGBOTCUDARQNDGBENHQVENHEESUWHYCEWHODOEIITWQNTMUTHEHESSEMUCXTELBMEJKSTSJARTQTTHUBEGYNNIDGTHUREWQSAWQRAFUWYEQRSFHOMNEWNUSLEAHWARJHEWXOLEJHINWALLJHISUVEROTHIDGISWONEZUSTWONEJHERUWERUSURLIVOHSHEHETHURENEBODOKNEMWHOITARJEDIJITWQSTHUMACXINEIIDODTUNTERSJANDTEFEDSENUTWOHKCOCPUTURNEMPOWURFUBHOOAEDIDTOELERYJHINWTRUITEDJORUDITABLTHUYSAOITGETSMQRTADEWOHDEREFINJELLYGENSETHUNITIAWABLPEEPLEQSATXREAJNOTZUSTJHEODESODTHEETHEHSIDUDECYDEDEUTFQTEIDAMISROSUCONTEXTURMIDATIENDITNTSUETHUWARYWASRORNQFTEHINTXERUYNSGHEWUFTHEHESTQRVIDGHITINGVROMJHEHASTHUWHAJHUNJERKYLLEHSPAJROLCACHYNESRUILTINAKTOMQTEDVACTERIEIMOSJOFUIWERUROUDDEDKPPUJINCQMPSVOROHDERBYDIIPOSQLBUHNEDYNBYBASEHSCADSOMUOFUIWERUKEPJALILETOMORKBOADYNGBEDIEITHETISPESALKNITIRANDIGHJANDTAYWUWERUTHAJCLOIETOWOINWOUTVORELERBKTTHUREWQSONUMANMHOTQUGHJUSTEFIGXTTOITORCTHEMIREEFTHUCAMFSTOIMASXTHOIEMEJALMETHEHFUCAERSYNTOZUNKXETUHNEDYTAREUNDXEBREUGHJUSBQCKFHOMTXEBRYNKPQUSEXISNQMEIICONDORJEHNCENNOHYOUHSONIARAXYOUHUNBERNSEN

**--------------------------------------------------TRIAL 17 ----------------------------------------------------**

key: “john”

AREYOUINJUREDAREYOUSHOTDOEXACTLYWHATISAYEXACTLYDONTMOVEUNLESSISAYDONTMAKEASOUNDUNLESSISAYDOYOUUNDERSTANDDOYOUUNDERSTANDYESDONTHURTMEIMHERETOHELPYOUREESESERGEANTTECHCOMASSIGNEDTOPROTECTYOUYOUVEBEENTARGETTEDFORTERMINATIONIDONTKNOWITLOOKSLIKEITMIGHTSPREADTOTHISFURNITUREWAREHOUSEACROSSTHEALLEYTHEPAINTONTHEWALLSSTARTINGTOBLISTERUPBETTERGETANOTHERTRUCKROUNDTOTHISSIDETHISISAMISTAKEIHAVENTDONEANYTHINGNOBUTYOUWILLITSVERYIMPORTANTTHATYOULIVEICANTBELIEVETHISISHAPPENINGHOWCOULDTHANMANGETUPAFTERYOUNOTAMANATERMINATORCYBERDYNAMICSMODELSUSPECTVEHICLESIGHTEDONMOTORATPICOSOUTHBOUNDUNITSTWOZEROSIXANDFIVESEVENATTEMPTINTERCEPTUNITONEFOURTHREECOMEINTHISISONEFOURTHREEWESTBOUNDONOLYMPICAPPROACHINGOVERLANDAIRUNITTWOWEREONHIMWESTBOUNDSANTAMONICAATFOURZEROFIVEAMACHINEYOUMEANLIKEAROBOTNOTAROBOTCYBORGCYBERNETICORGANISMBUTHEWASBLEEDINGJUSTASECONDKEEPYOURHEADDOWNLOSTHIMGOODCOVERALRIGHTLISTENTHETERMINATORSANINFILTRATIONUNITPARTMANPARTMACHINEUNDERNEATHITSAHYPERALLOYCOMBATCHASSISMIRCOPROCESSORCONTROLLEDFULLYARMOREDVERYTOUGHBUTOUTSIDEITSLIVINGHUMANTISSUEFLESHSKINHAIRBLOODGROWNFORTHECYBORGSLOOKREESEIKNOWYOUWANTTOHELPBUTPAYATTENTIONTHESERIESHADRUBBERSKINWESPOTTEDTHEMEASYBUTTHESEARENEWTHEYLOOKHUMANSWEATBADBREATHEVERYTHINGVERYHARDTOSPOTIHADTOWAITTILHEMOVEDONYOUBEFOREICOULDZEROHIMHEYIMNOTSTUPIDYKNOWTHEYCANTBUILDANYTHINGLIKETHATYETNONOTYETNOTFORABOUTFORTYYEARSSOITSFROMTHEFUTUREISTHATRIGHTONEPOSSIBLEFUTUREFOURYOURPOINTOFVIEWIDONTKNOWTHETECHSTUFFANDYOUREFROMTHEFUTURETOORIGHTRIGHTCYBORGSDONTFEELPAINIDODONTDOTHATAGAINJUSTLETMEGOLISTENUNDERSTANDTHATTERMINATORISOUTTHEREITCANTBEREASONEDWITHITCANTBEBARGAINEDWITHITDOESNTFEELPITYOFREMORSEORFEARANDITABSOLUTELYWILLNOTSTOPEVERUNTILYOUAREDEADCANYOUSTOPITMAYBEWITHTHESEWEAPONSIDONTKNOWSUSPECTVEHICLELOCATEDATPARKINGLOTCEDARANDGLENHAVENREESEWHYMEWHYDOESITWANTMETHERESSOMUCHTELLMEJUSTSTARTATTHEBEGINNINGTHEREWASAWARAFEWYEARSFROMNOWNUCLEARWARTHEWHOLETHINGALLTHISEVERYTHINGISGONEJUSTGONETHEREWERESURVIVORSHERETHERENOBODYKNEWWHOSTARTEDITITWASTHEMACHINESIDONTUNDERSTANDDEFENSENETWORKCOMPUTERNEWPOWERFULHOOKEDINTOEVERYTHINGTRUSTEDTORUNITALLTHEYSAYITGOTSMARTANEWORDEROFINTELLIGENCETHENITSAWALLPEOPLEASATHREATNOTJUSTTHEONESONTHEOTHERSIDEDECIDEDOUTFATEINAMICROSECONDEXTERMINATIONDIDNTSEETHEWARIWASBORNAFTERINTHERUINSGREWUPTHERESTARVINGHIDINGFROMTHEHKSTHEWHATHUNTERKILLERSPATROLMACHINESBUILDINAUTOMATEDFACTORIESMOSTOFUSWEREROUNDEDUPPUTINCAMPSFORORDERLYDISPOSALBURNEDINBYLASERSCANSOMEOFUSWEREKEPTALIVETOWORKLOADINGBODIESTHEDISPOSALUNITSRANNIGHTANDDAYWEWERETHATCLOSETOGOINGOUTFOREVERBUTTHEREWASONEMANWHOTAUGHTUSTOFIGHTTOSTORMTHEWIREOFTHECAMPSTOSMASHTHOSEMETALMOTHERFUCKERSINTOJUNKHETURNEDITAROUNDHEBROUGHTUSBACKFROMTHEBRINKPAUSEHISNAMEISCONNORJOHNCONNORYOURSONSARAHYOURUNBORNSON

1. **Submit your documented python code on canvas.**

(25 total points, 10 points for documentation, 15 points for working code.  No points awarded if the code is copy/pasted from someone else.)

SUBMITTED