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('A: ', 1, 'B: ', -20, 'String: ', 'SDLVEDSDELEEDWEQROOSDKESLVQXXEDEH')

('A: ', 1, 'B: ', -19, 'String: ', 'TEMWFETEFMFFEXFRSPPTELFTMWRYYFEFI')

('A: ', 1, 'B: ', -18, 'String: ', 'UFNXGFUFGNGGFYGSTQQUFMGUNXSZZGFGJ')

('A: ', 1, 'B: ', -17, 'String: ', 'VGOYHGVGHOHHGZHTURRVGNHVOYTAAHGHK')

('A: ', 1, 'B: ', -16, 'String: ', 'WHPZIHWHIPIIHAIUVSSWHOIWPZUBBIHIL')

('A: ', 1, 'B: ', -15, 'String: ', 'XIQAJIXIJQJJIBJVWTTXIPJXQAVCCJIJM')

('A: ', 1, 'B: ', -14, 'String: ', 'YJRBKJYJKRKKJCKWXUUYJQKYRBWDDKJKN')

('A: ', 1, 'B: ', -13, 'String: ', 'ZKSCLKZKLSLLKDLXYVVZKRLZSCXEELKLO')

('A: ', 1, 'B: ', -12, 'String: ', 'ALTDMLALMTMMLEMYZWWALSMATDYFFMLMP')

('A: ', 1, 'B: ', -11, 'String: ', 'BMUENMBMNUNNMFNZAXXBMTNBUEZGGNMNQ')

('A: ', 1, 'B: ', -10, 'String: ', 'CNVFONCNOVOONGOABYYCNUOCVFAHHONOR')

('A: ', 1, 'B: ', -9, 'String: ', 'DOWGPODOPWPPOHPBCZZDOVPDWGBIIPOPS')

('A: ', 1, 'B: ', -8, 'String: ', 'EPXHQPEPQXQQPIQCDAAEPWQEXHCJJQPQT')

('A: ', 1, 'B: ', -7, 'String: ', 'FQYIRQFQRYRRQJRDEBBFQXRFYIDKKRQRU')

('A: ', 1, 'B: ', -6, 'String: ', 'GRZJSRGRSZSSRKSEFCCGRYSGZJELLSRSV')

('A: ', 1, 'B: ', -5, 'String: ', 'HSAKTSHSTATTSLTFGDDHSZTHAKFMMTSTW')

('A: ', 1, 'B: ', -4, 'String: ', 'ITBLUTITUBUUTMUGHEEITAUIBLGNNUTUX')

('A: ', 1, 'B: ', -3, 'String: ', 'JUCMVUJUVCVVUNVHIFFJUBVJCMHOOVUVY')

('A: ', 1, 'B: ', -2, 'String: ', 'KVDNWVKVWDWWVOWIJGGKVCWKDNIPPWVWZ')

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('A: ', 1, 'B: ', 0, 'String: ', 'MXFPYXMXYFYYXQYKLIIMXEYMFPKRRYXYB')

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('A: ', 2, 'B: ', -25, 'String: ', 'ZVLFXVZVXLXXVHXVXRRZVJXZLFVJJXVXD')

('A: ', 2, 'B: ', -24, 'String: ', 'AWMGYWAWYMYYWIYWYSSAWKYAMGWKKYWYE')

('A: ', 2, 'B: ', -23, 'String: ', 'BXNHZXBXZNZZXJZXZTTBXLZBNHXLLZXZF')

('A: ', 2, 'B: ', -22, 'String: ', 'CYOIAYCYAOAAYKAYAUUCYMACOIYMMAYAG')

('A: ', 2, 'B: ', -21, 'String: ', 'DZPJBZDZBPBBZLBZBVVDZNBDPJZNNBZBH')

('A: ', 2, 'B: ', -20, 'String: ', 'EAQKCAEACQCCAMCACWWEAOCEQKAOOCACI')

('A: ', 2, 'B: ', -19, 'String: ', 'FBRLDBFBDRDDBNDBDXXFBPDFRLBPPDBDJ')

('A: ', 2, 'B: ', -18, 'String: ', 'GCSMECGCESEECOECEYYGCQEGSMCQQECEK')

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('A: ', 2, 'B: ', -16, 'String: ', 'IEUOGEIEGUGGEQGEGAAIESGIUOESSGEGM')

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('A: ', 2, 'B: ', -12, 'String: ', 'MIYSKIMIKYKKIUKIKEEMIWKMYSIWWKIKQ')

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('A: ', 2, 'B: ', -10, 'String: ', 'OKAUMKOKMAMMKWMKMGGOKYMOAUKYYMKMS')

('A: ', 2, 'B: ', -9, 'String: ', 'PLBVNLPLNBNNLXNLNHHPLZNPBVLZZNLNT')

('A: ', 2, 'B: ', -8, 'String: ', 'QMCWOMQMOCOOMYOMOIIQMAOQCWMAAOMOU')

('A: ', 2, 'B: ', -7, 'String: ', 'RNDXPNRNPDPPNZPNPJJRNBPRDXNBBPNPV')

('A: ', 2, 'B: ', -6, 'String: ', 'SOEYQOSOQEQQOAQOQKKSOCQSEYOCCQOQW')

('A: ', 2, 'B: ', -5, 'String: ', 'TPFZRPTPRFRRPBRPRLLTPDRTFZPDDRPRX')

('A: ', 2, 'B: ', -4, 'String: ', 'UQGASQUQSGSSQCSQSMMUQESUGAQEESQSY')

('A: ', 2, 'B: ', -3, 'String: ', 'VRHBTRVRTHTTRDTRTNNVRFTVHBRFFTRTZ')

('A: ', 2, 'B: ', -2, 'String: ', 'WSICUSWSUIUUSEUSUOOWSGUWICSGGUSUA')

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('A: ', 3, 'B: ', -26, 'String: ', 'KRPTURKRUPUURWUEHYYKRMUKPTEZZURUD')

('A: ', 3, 'B: ', -25, 'String: ', 'LSQUVSLSVQVVSXVFIZZLSNVLQUFAAVSVE')

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('A: ', 3, 'B: ', -22, 'String: ', 'OVTXYVOVYTYYVAYILCCOVQYOTXIDDYVYH')

('A: ', 3, 'B: ', -21, 'String: ', 'PWUYZWPWZUZZWBZJMDDPWRZPUYJEEZWZI')

('A: ', 3, 'B: ', -20, 'String: ', 'QXVZAXQXAVAAXCAKNEEQXSAQVZKFFAXAJ')

('A: ', 3, 'B: ', -19, 'String: ', 'RYWABYRYBWBBYDBLOFFRYTBRWALGGBYBK')

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('A: ', 3, 'B: ', -9, 'String: ', 'BIGKLIBILGLLINLVYPPBIDLBGKVQQLILU')

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('A: ', 3, 'B: ', -6, 'String: ', 'ELJNOLELOJOOLQOYBSSELGOEJNYTTOLOX')

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('A: ', 4, 'B: ', -21, 'String: ', 'BTZNXTBTXZXXTRXTXLLBTVXBZNTVVXTXJ')

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('A: ', 4, 'B: ', -9, 'String: ', 'NFLZJFNFJLJJFDJFJXXNFHJNLZFHHJFJV')

('A: ', 4, 'B: ', -8, 'String: ', 'OGMAKGOGKMKKGEKGKYYOGIKOMAGIIKGKW')

('A: ', 4, 'B: ', -7, 'String: ', 'PHNBLHPHLNLLHFLHLZZPHJLPNBHJJLHLX')

('A: ', 4, 'B: ', -6, 'String: ', 'QIOCMIQIMOMMIGMIMAAQIKMQOCIKKMIMY')

('A: ', 4, 'B: ', -5, 'String: ', 'RJPDNJRJNPNNJHNJNBBRJLNRPDJLLNJNZ')

('A: ', 4, 'B: ', -4, 'String: ', 'SKQEOKSKOQOOKIOKOCCSKMOSQEKMMOKOA')

('A: ', 4, 'B: ', -3, 'String: ', 'TLRFPLTLPRPPLJPLPDDTLNPTRFLNNPLPB')

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('A: ', 5, 'B: ', -10, 'String: ', 'YBPNGBYBGPGGBSGOTEEYBKGYPNOXXGBGV')

('A: ', 5, 'B: ', -9, 'String: ', 'ZCQOHCZCHQHHCTHPUFFZCLHZQOPYYHCHW')

('A: ', 5, 'B: ', -8, 'String: ', 'ADRPIDADIRIIDUIQVGGADMIARPQZZIDIX')

('A: ', 5, 'B: ', -7, 'String: ', 'BESQJEBEJSJJEVJRWHHBENJBSQRAAJEJY')

('A: ', 5, 'B: ', -6, 'String: ', 'CFTRKFCFKTKKFWKSXIICFOKCTRSBBKFKZ')

('A: ', 5, 'B: ', -5, 'String: ', 'DGUSLGDGLULLGXLTYJJDGPLDUSTCCLGLA')

('A: ', 5, 'B: ', -4, 'String: ', 'EHVTMHEHMVMMHYMUZKKEHQMEVTUDDMHMB')

('A: ', 5, 'B: ', -3, 'String: ', 'FIWUNIFINWNNIZNVALLFIRNFWUVEENINC')

('A: ', 5, 'B: ', -2, 'String: ', 'GJXVOJGJOXOOJAOWBMMGJSOGXVWFFOJOD')

('A: ', 5, 'B: ', -1, 'String: ', 'HKYWPKHKPYPPKBPXCNNHKTPHYWXGGPKPE')

('A: ', 5, 'B: ', 0, 'String: ', 'ILZXQLILQZQQLCQYDOOILUQIZXYHHQLQF')

('A: ', 6, 'B: ', -26, 'String: ', 'UIEMOIUIOEOOISOIOWWUIYOUEMIYYOIOG')

('A: ', 6, 'B: ', -25, 'String: ', 'VJFNPJVJPFPPJTPJPXXVJZPVFNJZZPJPH')

('A: ', 6, 'B: ', -24, 'String: ', 'WKGOQKWKQGQQKUQKQYYWKAQWGOKAAQKQI')

('A: ', 6, 'B: ', -23, 'String: ', 'XLHPRLXLRHRRLVRLRZZXLBRXHPLBBRLRJ')

('A: ', 6, 'B: ', -22, 'String: ', 'YMIQSMYMSISSMWSMSAAYMCSYIQMCCSMSK')

('A: ', 6, 'B: ', -21, 'String: ', 'ZNJRTNZNTJTTNXTNTBBZNDTZJRNDDTNTL')

('A: ', 6, 'B: ', -20, 'String: ', 'AOKSUOAOUKUUOYUOUCCAOEUAKSOEEUOUM')

('A: ', 6, 'B: ', -19, 'String: ', 'BPLTVPBPVLVVPZVPVDDBPFVBLTPFFVPVN')

('A: ', 6, 'B: ', -18, 'String: ', 'CQMUWQCQWMWWQAWQWEECQGWCMUQGGWQWO')

('A: ', 6, 'B: ', -17, 'String: ', 'DRNVXRDRXNXXRBXRXFFDRHXDNVRHHXRXP')

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('A: ', 6, 'B: ', -9, 'String: ', 'LZVDFZLZFVFFZJFZFNNLZPFLVDZPPFZFX')

('A: ', 6, 'B: ', -8, 'String: ', 'MAWEGAMAGWGGAKGAGOOMAQGMWEAQQGAGY')

('A: ', 6, 'B: ', -7, 'String: ', 'NBXFHBNBHXHHBLHBHPPNBRHNXFBRRHBHZ')

('A: ', 6, 'B: ', -6, 'String: ', 'OCYGICOCIYIICMICIQQOCSIOYGCSSICIA')

('A: ', 6, 'B: ', -5, 'String: ', 'PDZHJDPDJZJJDNJDJRRPDTJPZHDTTJDJB')

('A: ', 6, 'B: ', -4, 'String: ', 'QEAIKEQEKAKKEOKEKSSQEUKQAIEUUKEKC')

('A: ', 6, 'B: ', -3, 'String: ', 'RFBJLFRFLBLLFPLFLTTRFVLRBJFVVLFLD')

('A: ', 6, 'B: ', -2, 'String: ', 'SGCKMGSGMCMMGQMGMUUSGWMSCKGWWMGME')

('A: ', 6, 'B: ', -1, 'String: ', 'THDLNHTHNDNNHRNHNVVTHXNTDLHXXNHNF')

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('A: ', 7, 'B: ', -26, 'String: ', 'GFJBMFGFMJMMFIMSZEEGFCMGJBSPPMFMH')

('A: ', 7, 'B: ', -25, 'String: ', 'HGKCNGHGNKNNGJNTAFFHGDNHKCTQQNGNI')

('A: ', 7, 'B: ', -24, 'String: ', 'IHLDOHIHOLOOHKOUBGGIHEOILDURROHOJ')

('A: ', 7, 'B: ', -23, 'String: ', 'JIMEPIJIPMPPILPVCHHJIFPJMEVSSPIPK')

('A: ', 7, 'B: ', -22, 'String: ', 'KJNFQJKJQNQQJMQWDIIKJGQKNFWTTQJQL')

('A: ', 7, 'B: ', -21, 'String: ', 'LKOGRKLKRORRKNRXEJJLKHRLOGXUURKRM')

('A: ', 7, 'B: ', -20, 'String: ', 'MLPHSLMLSPSSLOSYFKKMLISMPHYVVSLSN')

('A: ', 7, 'B: ', -19, 'String: ', 'NMQITMNMTQTTMPTZGLLNMJTNQIZWWTMTO')

('A: ', 7, 'B: ', -18, 'String: ', 'ONRJUNONURUUNQUAHMMONKUORJAXXUNUP')

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('A: ', 7, 'B: ', -9, 'String: ', 'XWASDWXWDADDWZDJQVVXWTDXASJGGDWDY')

('A: ', 7, 'B: ', -8, 'String: ', 'YXBTEXYXEBEEXAEKRWWYXUEYBTKHHEXEZ')

('A: ', 7, 'B: ', -7, 'String: ', 'ZYCUFYZYFCFFYBFLSXXZYVFZCULIIFYFA')

('A: ', 7, 'B: ', -6, 'String: ', 'AZDVGZAZGDGGZCGMTYYAZWGADVMJJGZGB')

('A: ', 7, 'B: ', -5, 'String: ', 'BAEWHABAHEHHADHNUZZBAXHBEWNKKHAHC')

('A: ', 7, 'B: ', -4, 'String: ', 'CBFXIBCBIFIIBEIOVAACBYICFXOLLIBID')

('A: ', 7, 'B: ', -3, 'String: ', 'DCGYJCDCJGJJCFJPWBBDCZJDGYPMMJCJE')

('A: ', 7, 'B: ', -2, 'String: ', 'EDHZKDEDKHKKDGKQXCCEDAKEHZQNNKDKF')

('A: ', 7, 'B: ', -1, 'String: ', 'FEIALEFELILLEHLRYDDFEBLFIAROOLELG')

('A: ', 7, 'B: ', 0, 'String: ', 'GFJBMFGFMJMMFIMSZEEGFCMGJBSPPMFMH')

('A: ', 8, 'B: ', -26, 'String: ', 'SCOQKCSCKOKKCYKCKMMSCGKSOQCGGKCKI')

('A: ', 8, 'B: ', -25, 'String: ', 'TDPRLDTDLPLLDZLDLNNTDHLTPRDHHLDLJ')

('A: ', 8, 'B: ', -24, 'String: ', 'UEQSMEUEMQMMEAMEMOOUEIMUQSEIIMEMK')

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('A: ', 8, 'B: ', -21, 'String: ', 'XHTVPHXHPTPPHDPHPRRXHLPXTVHLLPHPN')

('A: ', 8, 'B: ', -20, 'String: ', 'YIUWQIYIQUQQIEQIQSSYIMQYUWIMMQIQO')

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('A: ', 8, 'B: ', -17, 'String: ', 'BLXZTLBLTXTTLHTLTVVBLPTBXZLPPTLTR')

('A: ', 8, 'B: ', -16, 'String: ', 'CMYAUMCMUYUUMIUMUWWCMQUCYAMQQUMUS')

('A: ', 8, 'B: ', -15, 'String: ', 'DNZBVNDNVZVVNJVNVXXDNRVDZBNRRVNVT')

('A: ', 8, 'B: ', -14, 'String: ', 'EOACWOEOWAWWOKWOWYYEOSWEACOSSWOWU')

('A: ', 8, 'B: ', -13, 'String: ', 'FPBDXPFPXBXXPLXPXZZFPTXFBDPTTXPXV')

('A: ', 8, 'B: ', -12, 'String: ', 'GQCEYQGQYCYYQMYQYAAGQUYGCEQUUYQYW')

('A: ', 8, 'B: ', -11, 'String: ', 'HRDFZRHRZDZZRNZRZBBHRVZHDFRVVZRZX')

('A: ', 8, 'B: ', -10, 'String: ', 'ISEGASISAEAASOASACCISWAIEGSWWASAY')

('A: ', 8, 'B: ', -9, 'String: ', 'JTFHBTJTBFBBTPBTBDDJTXBJFHTXXBTBZ')

('A: ', 8, 'B: ', -8, 'String: ', 'KUGICUKUCGCCUQCUCEEKUYCKGIUYYCUCA')

('A: ', 8, 'B: ', -7, 'String: ', 'LVHJDVLVDHDDVRDVDFFLVZDLHJVZZDVDB')

('A: ', 8, 'B: ', -6, 'String: ', 'MWIKEWMWEIEEWSEWEGGMWAEMIKWAAEWEC')

('A: ', 8, 'B: ', -5, 'String: ', 'NXJLFXNXFJFFXTFXFHHNXBFNJLXBBFXFD')

('A: ', 8, 'B: ', -4, 'String: ', 'OYKMGYOYGKGGYUGYGIIOYCGOKMYCCGYGE')

('A: ', 8, 'B: ', -3, 'String: ', 'PZLNHZPZHLHHZVHZHJJPZDHPLNZDDHZHF')

('A: ', 8, 'B: ', -2, 'String: ', 'QAMOIAQAIMIIAWIAIKKQAEIQMOAEEIAIG')

('A: ', 8, 'B: ', -1, 'String: ', 'RBNPJBRBJNJJBXJBJLLRBFJRNPBFFJBJH')

('A: ', 8, 'B: ', 0, 'String: ', 'SCOQKCSCKOKKCYKCKMMSCGKSOQCGGKCKI')

('A: ', 9, 'B: ', -26, 'String: ', 'EZTFIZEZITIIZOIMVUUEZKIETFMXXIZIJ')

('A: ', 9, 'B: ', -25, 'String: ', 'FAUGJAFAJUJJAPJNWVVFALJFUGNYYJAJK')

('A: ', 9, 'B: ', -24, 'String: ', 'GBVHKBGBKVKKBQKOXWWGBMKGVHOZZKBKL')

('A: ', 9, 'B: ', -23, 'String: ', 'HCWILCHCLWLLCRLPYXXHCNLHWIPAALCLM')

('A: ', 9, 'B: ', -22, 'String: ', 'IDXJMDIDMXMMDSMQZYYIDOMIXJQBBMDMN')

('A: ', 9, 'B: ', -21, 'String: ', 'JEYKNEJENYNNETNRAZZJEPNJYKRCCNENO')

('A: ', 9, 'B: ', -20, 'String: ', 'KFZLOFKFOZOOFUOSBAAKFQOKZLSDDOFOP')

('A: ', 9, 'B: ', -19, 'String: ', 'LGAMPGLGPAPPGVPTCBBLGRPLAMTEEPGPQ')

('A: ', 9, 'B: ', -18, 'String: ', 'MHBNQHMHQBQQHWQUDCCMHSQMBNUFFQHQR')

('A: ', 9, 'B: ', -17, 'String: ', 'NICORINIRCRRIXRVEDDNITRNCOVGGRIRS')

('A: ', 9, 'B: ', -16, 'String: ', 'OJDPSJOJSDSSJYSWFEEOJUSODPWHHSJST')

('A: ', 9, 'B: ', -15, 'String: ', 'PKEQTKPKTETTKZTXGFFPKVTPEQXIITKTU')

('A: ', 9, 'B: ', -14, 'String: ', 'QLFRULQLUFUULAUYHGGQLWUQFRYJJULUV')

('A: ', 9, 'B: ', -13, 'String: ', 'RMGSVMRMVGVVMBVZIHHRMXVRGSZKKVMVW')

('A: ', 9, 'B: ', -12, 'String: ', 'SNHTWNSNWHWWNCWAJIISNYWSHTALLWNWX')

('A: ', 9, 'B: ', -11, 'String: ', 'TOIUXOTOXIXXODXBKJJTOZXTIUBMMXOXY')

('A: ', 9, 'B: ', -10, 'String: ', 'UPJVYPUPYJYYPEYCLKKUPAYUJVCNNYPYZ')

('A: ', 9, 'B: ', -9, 'String: ', 'VQKWZQVQZKZZQFZDMLLVQBZVKWDOOZQZA')

('A: ', 9, 'B: ', -8, 'String: ', 'WRLXARWRALAARGAENMMWRCAWLXEPPARAB')

('A: ', 9, 'B: ', -7, 'String: ', 'XSMYBSXSBMBBSHBFONNXSDBXMYFQQBSBC')

('A: ', 9, 'B: ', -6, 'String: ', 'YTNZCTYTCNCCTICGPOOYTECYNZGRRCTCD')

('A: ', 9, 'B: ', -5, 'String: ', 'ZUOADUZUDODDUJDHQPPZUFDZOAHSSDUDE')

('A: ', 9, 'B: ', -4, 'String: ', 'AVPBEVAVEPEEVKEIRQQAVGEAPBITTEVEF')

('A: ', 9, 'B: ', -3, 'String: ', 'BWQCFWBWFQFFWLFJSRRBWHFBQCJUUFWFG')

('A: ', 9, 'B: ', -2, 'String: ', 'CXRDGXCXGRGGXMGKTSSCXIGCRDKVVGXGH')

('A: ', 9, 'B: ', -1, 'String: ', 'DYSEHYDYHSHHYNHLUTTDYJHDSELWWHYHI')

('A: ', 9, 'B: ', 0, 'String: ', 'EZTFIZEZITIIZOIMVUUEZKIETFMXXIZIJ')

('A: ', 10, 'B: ', -26, 'String: ', 'QWYUGWQWGYGGWEGWGCCQWOGQYUWOOGWGK')

('A: ', 10, 'B: ', -25, 'String: ', 'RXZVHXRXHZHHXFHXHDDRXPHRZVXPPHXHL')

('A: ', 10, 'B: ', -24, 'String: ', 'SYAWIYSYIAIIYGIYIEESYQISAWYQQIYIM')

('A: ', 10, 'B: ', -23, 'String: ', 'TZBXJZTZJBJJZHJZJFFTZRJTBXZRRJZJN')

('A: ', 10, 'B: ', -22, 'String: ', 'UACYKAUAKCKKAIKAKGGUASKUCYASSKAKO')

('A: ', 10, 'B: ', -21, 'String: ', 'VBDZLBVBLDLLBJLBLHHVBTLVDZBTTLBLP')

('A: ', 10, 'B: ', -20, 'String: ', 'WCEAMCWCMEMMCKMCMIIWCUMWEACUUMCMQ')

('A: ', 10, 'B: ', -19, 'String: ', 'XDFBNDXDNFNNDLNDNJJXDVNXFBDVVNDNR')

('A: ', 10, 'B: ', -18, 'String: ', 'YEGCOEYEOGOOEMOEOKKYEWOYGCEWWOEOS')

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('A: ', 10, 'B: ', -13, 'String: ', 'DJLHTJDJTLTTJRTJTPPDJBTDLHJBBTJTX')

('A: ', 10, 'B: ', -12, 'String: ', 'EKMIUKEKUMUUKSUKUQQEKCUEMIKCCUKUY')

('A: ', 10, 'B: ', -11, 'String: ', 'FLNJVLFLVNVVLTVLVRRFLDVFNJLDDVLVZ')

('A: ', 10, 'B: ', -10, 'String: ', 'GMOKWMGMWOWWMUWMWSSGMEWGOKMEEWMWA')

('A: ', 10, 'B: ', -9, 'String: ', 'HNPLXNHNXPXXNVXNXTTHNFXHPLNFFXNXB')

('A: ', 10, 'B: ', -8, 'String: ', 'IOQMYOIOYQYYOWYOYUUIOGYIQMOGGYOYC')

('A: ', 10, 'B: ', -7, 'String: ', 'JPRNZPJPZRZZPXZPZVVJPHZJRNPHHZPZD')

('A: ', 10, 'B: ', -6, 'String: ', 'KQSOAQKQASAAQYAQAWWKQIAKSOQIIAQAE')

('A: ', 10, 'B: ', -5, 'String: ', 'LRTPBRLRBTBBRZBRBXXLRJBLTPRJJBRBF')

('A: ', 10, 'B: ', -4, 'String: ', 'MSUQCSMSCUCCSACSCYYMSKCMUQSKKCSCG')

('A: ', 10, 'B: ', -3, 'String: ', 'NTVRDTNTDVDDTBDTDZZNTLDNVRTLLDTDH')

('A: ', 10, 'B: ', -2, 'String: ', 'OUWSEUOUEWEEUCEUEAAOUMEOWSUMMEUEI')

('A: ', 10, 'B: ', -1, 'String: ', 'PVXTFVPVFXFFVDFVFBBPVNFPXTVNNFVFJ')

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('A: ', 11, 'B: ', -26, 'String: ', 'CTDJETCTEDEETUEGRKKCTSECDJGFFETEL')

('A: ', 11, 'B: ', -25, 'String: ', 'DUEKFUDUFEFFUVFHSLLDUTFDEKHGGFUFM')

('A: ', 11, 'B: ', -24, 'String: ', 'EVFLGVEVGFGGVWGITMMEVUGEFLIHHGVGN')

('A: ', 11, 'B: ', -23, 'String: ', 'FWGMHWFWHGHHWXHJUNNFWVHFGMJIIHWHO')

('A: ', 11, 'B: ', -22, 'String: ', 'GXHNIXGXIHIIXYIKVOOGXWIGHNKJJIXIP')

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('A: ', 11, 'B: ', -10, 'String: ', 'SJTZUJSJUTUUJKUWHAASJIUSTZWVVUJUB')

('A: ', 11, 'B: ', -9, 'String: ', 'TKUAVKTKVUVVKLVXIBBTKJVTUAXWWVKVC')

('A: ', 11, 'B: ', -8, 'String: ', 'ULVBWLULWVWWLMWYJCCULKWUVBYXXWLWD')

('A: ', 11, 'B: ', -7, 'String: ', 'VMWCXMVMXWXXMNXZKDDVMLXVWCZYYXMXE')

('A: ', 11, 'B: ', -6, 'String: ', 'WNXDYNWNYXYYNOYALEEWNMYWXDAZZYNYF')

('A: ', 11, 'B: ', -5, 'String: ', 'XOYEZOXOZYZZOPZBMFFXONZXYEBAAZOZG')

('A: ', 11, 'B: ', -4, 'String: ', 'YPZFAPYPAZAAPQACNGGYPOAYZFCBBAPAH')

('A: ', 11, 'B: ', -3, 'String: ', 'ZQAGBQZQBABBQRBDOHHZQPBZAGDCCBQBI')

('A: ', 11, 'B: ', -2, 'String: ', 'ARBHCRARCBCCRSCEPIIARQCABHEDDCRCJ')

('A: ', 11, 'B: ', -1, 'String: ', 'BSCIDSBSDCDDSTDFQJJBSRDBCIFEEDSDK')

('A: ', 11, 'B: ', 0, 'String: ', 'CTDJETCTEDEETUEGRKKCTSECDJGFFETEL')

('A: ', 12, 'B: ', -26, 'String: ', 'OQIYCQOQCICCQKCQCSSOQWCOIYQWWCQCM')

('A: ', 12, 'B: ', -25, 'String: ', 'PRJZDRPRDJDDRLDRDTTPRXDPJZRXXDRDN')

('A: ', 12, 'B: ', -24, 'String: ', 'QSKAESQSEKEESMESEUUQSYEQKASYYESEO')

('A: ', 12, 'B: ', -23, 'String: ', 'RTLBFTRTFLFFTNFTFVVRTZFRLBTZZFTFP')

('A: ', 12, 'B: ', -22, 'String: ', 'SUMCGUSUGMGGUOGUGWWSUAGSMCUAAGUGQ')

('A: ', 12, 'B: ', -21, 'String: ', 'TVNDHVTVHNHHVPHVHXXTVBHTNDVBBHVHR')

('A: ', 12, 'B: ', -20, 'String: ', 'UWOEIWUWIOIIWQIWIYYUWCIUOEWCCIWIS')

('A: ', 12, 'B: ', -19, 'String: ', 'VXPFJXVXJPJJXRJXJZZVXDJVPFXDDJXJT')

('A: ', 12, 'B: ', -18, 'String: ', 'WYQGKYWYKQKKYSKYKAAWYEKWQGYEEKYKU')

('A: ', 12, 'B: ', -17, 'String: ', 'XZRHLZXZLRLLZTLZLBBXZFLXRHZFFLZLV')

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('A: ', 12, 'B: ', -11, 'String: ', 'DFXNRFDFRXRRFZRFRHHDFLRDXNFLLRFRB')

('A: ', 12, 'B: ', -10, 'String: ', 'EGYOSGEGSYSSGASGSIIEGMSEYOGMMSGSC')

('A: ', 12, 'B: ', -9, 'String: ', 'FHZPTHFHTZTTHBTHTJJFHNTFZPHNNTHTD')

('A: ', 12, 'B: ', -8, 'String: ', 'GIAQUIGIUAUUICUIUKKGIOUGAQIOOUIUE')

('A: ', 12, 'B: ', -7, 'String: ', 'HJBRVJHJVBVVJDVJVLLHJPVHBRJPPVJVF')

('A: ', 12, 'B: ', -6, 'String: ', 'IKCSWKIKWCWWKEWKWMMIKQWICSKQQWKWG')

('A: ', 12, 'B: ', -5, 'String: ', 'JLDTXLJLXDXXLFXLXNNJLRXJDTLRRXLXH')

('A: ', 12, 'B: ', -4, 'String: ', 'KMEUYMKMYEYYMGYMYOOKMSYKEUMSSYMYI')

('A: ', 12, 'B: ', -3, 'String: ', 'LNFVZNLNZFZZNHZNZPPLNTZLFVNTTZNZJ')

('A: ', 12, 'B: ', -2, 'String: ', 'MOGWAOMOAGAAOIAOAQQMOUAMGWOUUAOAK')

('A: ', 12, 'B: ', -1, 'String: ', 'NPHXBPNPBHBBPJBPBRRNPVBNHXPVVBPBL')

('A: ', 12, 'B: ', 0, 'String: ', 'OQIYCQOQCICCQKCQCSSOQWCOIYQWWCQCM')

('A: ', 13, 'B: ', -26, 'String: ', 'ANNNANANANAANAAANAAANAAANNANNANAN')

('A: ', 13, 'B: ', -25, 'String: ', 'BOOOBOBOBOBBOBBBOBBBOBBBOOBOOBOBO')

('A: ', 13, 'B: ', -24, 'String: ', 'CPPPCPCPCPCCPCCCPCCCPCCCPPCPPCPCP')

('A: ', 13, 'B: ', -23, 'String: ', 'DQQQDQDQDQDDQDDDQDDDQDDDQQDQQDQDQ')

('A: ', 13, 'B: ', -22, 'String: ', 'ERRREREREREEREEEREEEREEERRERRERER')

('A: ', 13, 'B: ', -21, 'String: ', 'FSSSFSFSFSFFSFFFSFFFSFFFSSFSSFSFS')

('A: ', 13, 'B: ', -20, 'String: ', 'GTTTGTGTGTGGTGGGTGGGTGGGTTGTTGTGT')

('A: ', 13, 'B: ', -19, 'String: ', 'HUUUHUHUHUHHUHHHUHHHUHHHUUHUUHUHU')

('A: ', 13, 'B: ', -18, 'String: ', 'IVVVIVIVIVIIVIIIVIIIVIIIVVIVVIVIV')

('A: ', 13, 'B: ', -17, 'String: ', 'JWWWJWJWJWJJWJJJWJJJWJJJWWJWWJWJW')

('A: ', 13, 'B: ', -16, 'String: ', 'KXXXKXKXKXKKXKKKXKKKXKKKXXKXXKXKX')

('A: ', 13, 'B: ', -15, 'String: ', 'LYYYLYLYLYLLYLLLYLLLYLLLYYLYYLYLY')

('A: ', 13, 'B: ', -14, 'String: ', 'MZZZMZMZMZMMZMMMZMMMZMMMZZMZZMZMZ')

('A: ', 13, 'B: ', -13, 'String: ', 'NAAANANANANNANNNANNNANNNAANAANANA')

('A: ', 13, 'B: ', -12, 'String: ', 'OBBBOBOBOBOOBOOOBOOOBOOOBBOBBOBOB')

('A: ', 13, 'B: ', -11, 'String: ', 'PCCCPCPCPCPPCPPPCPPPCPPPCCPCCPCPC')

('A: ', 13, 'B: ', -10, 'String: ', 'QDDDQDQDQDQQDQQQDQQQDQQQDDQDDQDQD')

('A: ', 13, 'B: ', -9, 'String: ', 'REEERERERERRERRRERRRERRREEREERERE')

('A: ', 13, 'B: ', -8, 'String: ', 'SFFFSFSFSFSSFSSSFSSSFSSSFFSFFSFSF')

('A: ', 13, 'B: ', -7, 'String: ', 'TGGGTGTGTGTTGTTTGTTTGTTTGGTGGTGTG')

('A: ', 13, 'B: ', -6, 'String: ', 'UHHHUHUHUHUUHUUUHUUUHUUUHHUHHUHUH')

('A: ', 13, 'B: ', -5, 'String: ', 'VIIIVIVIVIVVIVVVIVVVIVVVIIVIIVIVI')

('A: ', 13, 'B: ', -4, 'String: ', 'WJJJWJWJWJWWJWWWJWWWJWWWJJWJJWJWJ')

('A: ', 13, 'B: ', -3, 'String: ', 'XKKKXKXKXKXXKXXXKXXXKXXXKKXKKXKXK')

('A: ', 13, 'B: ', -2, 'String: ', 'YLLLYLYLYLYYLYYYLYYYLYYYLLYLLYLYL')

('A: ', 13, 'B: ', -1, 'String: ', 'ZMMMZMZMZMZZMZZZMZZZMZZZMMZMMZMZM')

('A: ', 13, 'B: ', 0, 'String: ', 'ANNNANANANAANAAANAAANAAANNANNANAN')

('A: ', 14, 'B: ', -26, 'String: ', 'MKSCYKMKYSYYKQYKYIIMKEYMSCKEEYKYO')

('A: ', 14, 'B: ', -25, 'String: ', 'NLTDZLNLZTZZLRZLZJJNLFZNTDLFFZLZP')

('A: ', 14, 'B: ', -24, 'String: ', 'OMUEAMOMAUAAMSAMAKKOMGAOUEMGGAMAQ')

('A: ', 14, 'B: ', -23, 'String: ', 'PNVFBNPNBVBBNTBNBLLPNHBPVFNHHBNBR')

('A: ', 14, 'B: ', -22, 'String: ', 'QOWGCOQOCWCCOUCOCMMQOICQWGOIICOCS')

('A: ', 14, 'B: ', -21, 'String: ', 'RPXHDPRPDXDDPVDPDNNRPJDRXHPJJDPDT')

('A: ', 14, 'B: ', -20, 'String: ', 'SQYIEQSQEYEEQWEQEOOSQKESYIQKKEQEU')

('A: ', 14, 'B: ', -19, 'String: ', 'TRZJFRTRFZFFRXFRFPPTRLFTZJRLLFRFV')

('A: ', 14, 'B: ', -18, 'String: ', 'USAKGSUSGAGGSYGSGQQUSMGUAKSMMGSGW')

('A: ', 14, 'B: ', -17, 'String: ', 'VTBLHTVTHBHHTZHTHRRVTNHVBLTNNHTHX')

('A: ', 14, 'B: ', -16, 'String: ', 'WUCMIUWUICIIUAIUISSWUOIWCMUOOIUIY')

('A: ', 14, 'B: ', -15, 'String: ', 'XVDNJVXVJDJJVBJVJTTXVPJXDNVPPJVJZ')

('A: ', 14, 'B: ', -14, 'String: ', 'YWEOKWYWKEKKWCKWKUUYWQKYEOWQQKWKA')

('A: ', 14, 'B: ', -13, 'String: ', 'ZXFPLXZXLFLLXDLXLVVZXRLZFPXRRLXLB')

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('A: ', 14, 'B: ', -9, 'String: ', 'DBJTPBDBPJPPBHPBPZZDBVPDJTBVVPBPF')

('A: ', 14, 'B: ', -8, 'String: ', 'ECKUQCECQKQQCIQCQAAECWQEKUCWWQCQG')

('A: ', 14, 'B: ', -7, 'String: ', 'FDLVRDFDRLRRDJRDRBBFDXRFLVDXXRDRH')

('A: ', 14, 'B: ', -6, 'String: ', 'GEMWSEGESMSSEKSESCCGEYSGMWEYYSESI')

('A: ', 14, 'B: ', -5, 'String: ', 'HFNXTFHFTNTTFLTFTDDHFZTHNXFZZTFTJ')

('A: ', 14, 'B: ', -4, 'String: ', 'IGOYUGIGUOUUGMUGUEEIGAUIOYGAAUGUK')

('A: ', 14, 'B: ', -3, 'String: ', 'JHPZVHJHVPVVHNVHVFFJHBVJPZHBBVHVL')

('A: ', 14, 'B: ', -2, 'String: ', 'KIQAWIKIWQWWIOWIWGGKICWKQAICCWIWM')

('A: ', 14, 'B: ', -1, 'String: ', 'LJRBXJLJXRXXJPXJXHHLJDXLRBJDDXJXN')

('A: ', 14, 'B: ', 0, 'String: ', 'MKSCYKMKYSYYKQYKYIIMKEYMSCKEEYKYO')

('A: ', 15, 'B: ', -26, 'String: ', 'YHXRWHYHWXWWHGWUJQQYHIWYXRUVVWHWP')

('A: ', 15, 'B: ', -25, 'String: ', 'ZIYSXIZIXYXXIHXVKRRZIJXZYSVWWXIXQ')

('A: ', 15, 'B: ', -24, 'String: ', 'AJZTYJAJYZYYJIYWLSSAJKYAZTWXXYJYR')

('A: ', 15, 'B: ', -23, 'String: ', 'BKAUZKBKZAZZKJZXMTTBKLZBAUXYYZKZS')

('A: ', 15, 'B: ', -22, 'String: ', 'CLBVALCLABAALKAYNUUCLMACBVYZZALAT')

('A: ', 15, 'B: ', -21, 'String: ', 'DMCWBMDMBCBBMLBZOVVDMNBDCWZAABMBU')

('A: ', 15, 'B: ', -20, 'String: ', 'ENDXCNENCDCCNMCAPWWENOCEDXABBCNCV')

('A: ', 15, 'B: ', -19, 'String: ', 'FOEYDOFODEDDONDBQXXFOPDFEYBCCDODW')

('A: ', 15, 'B: ', -18, 'String: ', 'GPFZEPGPEFEEPOECRYYGPQEGFZCDDEPEX')

('A: ', 15, 'B: ', -17, 'String: ', 'HQGAFQHQFGFFQPFDSZZHQRFHGADEEFQFY')

('A: ', 15, 'B: ', -16, 'String: ', 'IRHBGRIRGHGGRQGETAAIRSGIHBEFFGRGZ')

('A: ', 15, 'B: ', -15, 'String: ', 'JSICHSJSHIHHSRHFUBBJSTHJICFGGHSHA')

('A: ', 15, 'B: ', -14, 'String: ', 'KTJDITKTIJIITSIGVCCKTUIKJDGHHITIB')

('A: ', 15, 'B: ', -13, 'String: ', 'LUKEJULUJKJJUTJHWDDLUVJLKEHIIJUJC')

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('A: ', 15, 'B: ', -9, 'String: ', 'PYOINYPYNONNYXNLAHHPYZNPOILMMNYNG')

('A: ', 15, 'B: ', -8, 'String: ', 'QZPJOZQZOPOOZYOMBIIQZAOQPJMNNOZOH')

('A: ', 15, 'B: ', -7, 'String: ', 'RAQKPARAPQPPAZPNCJJRABPRQKNOOPAPI')

('A: ', 15, 'B: ', -6, 'String: ', 'SBRLQBSBQRQQBAQODKKSBCQSRLOPPQBQJ')

('A: ', 15, 'B: ', -5, 'String: ', 'TCSMRCTCRSRRCBRPELLTCDRTSMPQQRCRK')

('A: ', 15, 'B: ', -4, 'String: ', 'UDTNSDUDSTSSDCSQFMMUDESUTNQRRSDSL')

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('A: ', 15, 'B: ', -2, 'String: ', 'WFVPUFWFUVUUFEUSHOOWFGUWVPSTTUFUN')

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('A: ', 16, 'B: ', -26, 'String: ', 'KECGUEKEUCUUEWUEUYYKEMUKCGEMMUEUQ')

('A: ', 16, 'B: ', -25, 'String: ', 'LFDHVFLFVDVVFXVFVZZLFNVLDHFNNVFVR')

('A: ', 16, 'B: ', -24, 'String: ', 'MGEIWGMGWEWWGYWGWAAMGOWMEIGOOWGWS')

('A: ', 16, 'B: ', -23, 'String: ', 'NHFJXHNHXFXXHZXHXBBNHPXNFJHPPXHXT')

('A: ', 16, 'B: ', -22, 'String: ', 'OIGKYIOIYGYYIAYIYCCOIQYOGKIQQYIYU')

('A: ', 16, 'B: ', -21, 'String: ', 'PJHLZJPJZHZZJBZJZDDPJRZPHLJRRZJZV')

('A: ', 16, 'B: ', -20, 'String: ', 'QKIMAKQKAIAAKCAKAEEQKSAQIMKSSAKAW')

('A: ', 16, 'B: ', -19, 'String: ', 'RLJNBLRLBJBBLDBLBFFRLTBRJNLTTBLBX')

('A: ', 16, 'B: ', -18, 'String: ', 'SMKOCMSMCKCCMECMCGGSMUCSKOMUUCMCY')

('A: ', 16, 'B: ', -17, 'String: ', 'TNLPDNTNDLDDNFDNDHHTNVDTLPNVVDNDZ')

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('A: ', 16, 'B: ', -15, 'String: ', 'VPNRFPVPFNFFPHFPFJJVPXFVNRPXXFPFB')

('A: ', 16, 'B: ', -14, 'String: ', 'WQOSGQWQGOGGQIGQGKKWQYGWOSQYYGQGC')

('A: ', 16, 'B: ', -13, 'String: ', 'XRPTHRXRHPHHRJHRHLLXRZHXPTRZZHRHD')

('A: ', 16, 'B: ', -12, 'String: ', 'YSQUISYSIQIISKISIMMYSAIYQUSAAISIE')

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('A: ', 16, 'B: ', -10, 'String: ', 'AUSWKUAUKSKKUMKUKOOAUCKASWUCCKUKG')

('A: ', 16, 'B: ', -9, 'String: ', 'BVTXLVBVLTLLVNLVLPPBVDLBTXVDDLVLH')

('A: ', 16, 'B: ', -8, 'String: ', 'CWUYMWCWMUMMWOMWMQQCWEMCUYWEEMWMI')

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('A: ', 16, 'B: ', -6, 'String: ', 'EYWAOYEYOWOOYQOYOSSEYGOEWAYGGOYOK')

('A: ', 16, 'B: ', -5, 'String: ', 'FZXBPZFZPXPPZRPZPTTFZHPFXBZHHPZPL')

('A: ', 16, 'B: ', -4, 'String: ', 'GAYCQAGAQYQQASQAQUUGAIQGYCAIIQAQM')

('A: ', 16, 'B: ', -3, 'String: ', 'HBZDRBHBRZRRBTRBRVVHBJRHZDBJJRBRN')

('A: ', 16, 'B: ', -2, 'String: ', 'ICAESCICSASSCUSCSWWICKSIAECKKSCSO')

('A: ', 16, 'B: ', -1, 'String: ', 'JDBFTDJDTBTTDVTDTXXJDLTJBFDLLTDTP')

('A: ', 16, 'B: ', 0, 'String: ', 'KECGUEKEUCUUEWUEUYYKEMUKCGEMMUEUQ')

('A: ', 17, 'B: ', -26, 'String: ', 'WBHVSBWBSHSSBMSOFGGWBQSWHVODDSBSR')

('A: ', 17, 'B: ', -25, 'String: ', 'XCIWTCXCTITTCNTPGHHXCRTXIWPEETCTS')

('A: ', 17, 'B: ', -24, 'String: ', 'YDJXUDYDUJUUDOUQHIIYDSUYJXQFFUDUT')

('A: ', 17, 'B: ', -23, 'String: ', 'ZEKYVEZEVKVVEPVRIJJZETVZKYRGGVEVU')

('A: ', 17, 'B: ', -22, 'String: ', 'AFLZWFAFWLWWFQWSJKKAFUWALZSHHWFWV')

('A: ', 17, 'B: ', -21, 'String: ', 'BGMAXGBGXMXXGRXTKLLBGVXBMATIIXGXW')

('A: ', 17, 'B: ', -20, 'String: ', 'CHNBYHCHYNYYHSYULMMCHWYCNBUJJYHYX')

('A: ', 17, 'B: ', -19, 'String: ', 'DIOCZIDIZOZZITZVMNNDIXZDOCVKKZIZY')

('A: ', 17, 'B: ', -18, 'String: ', 'EJPDAJEJAPAAJUAWNOOEJYAEPDWLLAJAZ')

('A: ', 17, 'B: ', -17, 'String: ', 'FKQEBKFKBQBBKVBXOPPFKZBFQEXMMBKBA')

('A: ', 17, 'B: ', -16, 'String: ', 'GLRFCLGLCRCCLWCYPQQGLACGRFYNNCLCB')

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('A: ', 17, 'B: ', -14, 'String: ', 'INTHENINETEENYEARSSINCEITHAPPENED')

('A: ', 17, 'B: ', -13, 'String: ', 'JOUIFOJOFUFFOZFBSTTJODFJUIBQQFOFE')

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('A: ', 17, 'B: ', -10, 'String: ', 'MRXLIRMRIXIIRCIEVWWMRGIMXLETTIRIH')

('A: ', 17, 'B: ', -9, 'String: ', 'NSYMJSNSJYJJSDJFWXXNSHJNYMFUUJSJI')

('A: ', 17, 'B: ', -8, 'String: ', 'OTZNKTOTKZKKTEKGXYYOTIKOZNGVVKTKJ')

('A: ', 17, 'B: ', -7, 'String: ', 'PUAOLUPULALLUFLHYZZPUJLPAOHWWLULK')

('A: ', 17, 'B: ', -6, 'String: ', 'QVBPMVQVMBMMVGMIZAAQVKMQBPIXXMVML')

('A: ', 17, 'B: ', -5, 'String: ', 'RWCQNWRWNCNNWHNJABBRWLNRCQJYYNWNM')

('A: ', 17, 'B: ', -4, 'String: ', 'SXDROXSXODOOXIOKBCCSXMOSDRKZZOXON')

('A: ', 17, 'B: ', -3, 'String: ', 'TYESPYTYPEPPYJPLCDDTYNPTESLAAPYPO')

('A: ', 17, 'B: ', -2, 'String: ', 'UZFTQZUZQFQQZKQMDEEUZOQUFTMBBQZQP')

('A: ', 17, 'B: ', -1, 'String: ', 'VAGURAVARGRRALRNEFFVAPRVGUNCCRARQ')

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('A: ', 18, 'B: ', -23, 'String: ', 'LBPNTBLBTPTTBFTBTRRLBXTLPNBXXTBTV')

('A: ', 18, 'B: ', -22, 'String: ', 'MCQOUCMCUQUUCGUCUSSMCYUMQOCYYUCUW')

('A: ', 18, 'B: ', -21, 'String: ', 'NDRPVDNDVRVVDHVDVTTNDZVNRPDZZVDVX')

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('A: ', 18, 'B: ', -19, 'String: ', 'PFTRXFPFXTXXFJXFXVVPFBXPTRFBBXFXZ')

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('A: ', 18, 'B: ', -17, 'String: ', 'RHVTZHRHZVZZHLZHZXXRHDZRVTHDDZHZB')

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('A: ', 18, 'B: ', -10, 'String: ', 'YOCAGOYOGCGGOSGOGEEYOKGYCAOKKGOGI')

('A: ', 18, 'B: ', -9, 'String: ', 'ZPDBHPZPHDHHPTHPHFFZPLHZDBPLLHPHJ')

('A: ', 18, 'B: ', -8, 'String: ', 'AQECIQAQIEIIQUIQIGGAQMIAECQMMIQIK')

('A: ', 18, 'B: ', -7, 'String: ', 'BRFDJRBRJFJJRVJRJHHBRNJBFDRNNJRJL')

('A: ', 18, 'B: ', -6, 'String: ', 'CSGEKSCSKGKKSWKSKIICSOKCGESOOKSKM')

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('A: ', 19, 'B: ', -22, 'String: ', 'YZVDSZYZSVSSZWSMFAAYZCSYVDMPPSZSX')

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('A: ', 19, 'B: ', -20, 'String: ', 'ABXFUBABUXUUBYUOHCCABEUAXFORRUBUZ')

('A: ', 19, 'B: ', -19, 'String: ', 'BCYGVCBCVYVVCZVPIDDBCFVBYGPSSVCVA')

('A: ', 19, 'B: ', -18, 'String: ', 'CDZHWDCDWZWWDAWQJEECDGWCZHQTTWDWB')

('A: ', 19, 'B: ', -17, 'String: ', 'DEAIXEDEXAXXEBXRKFFDEHXDAIRUUXEXC')

('A: ', 19, 'B: ', -16, 'String: ', 'EFBJYFEFYBYYFCYSLGGEFIYEBJSVVYFYD')

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('A: ', 19, 'B: ', -6, 'String: ', 'OPLTIPOPILIIPMICVQQOPSIOLTCFFIPIN')

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('A: ', 19, 'B: ', 0, 'String: ', 'UVRZOVUVOROOVSOIBWWUVYOURZILLOVOT')

('A: ', 20, 'B: ', -26, 'String: ', 'GSWOMSGSMWMMSIMSMEEGSCMGWOSCCMSMU')

('A: ', 20, 'B: ', -25, 'String: ', 'HTXPNTHTNXNNTJNTNFFHTDNHXPTDDNTNV')

('A: ', 20, 'B: ', -24, 'String: ', 'IUYQOUIUOYOOUKOUOGGIUEOIYQUEEOUOW')

('A: ', 20, 'B: ', -23, 'String: ', 'JVZRPVJVPZPPVLPVPHHJVFPJZRVFFPVPX')

('A: ', 20, 'B: ', -22, 'String: ', 'KWASQWKWQAQQWMQWQIIKWGQKASWGGQWQY')

('A: ', 20, 'B: ', -21, 'String: ', 'LXBTRXLXRBRRXNRXRJJLXHRLBTXHHRXRZ')

('A: ', 20, 'B: ', -20, 'String: ', 'MYCUSYMYSCSSYOSYSKKMYISMCUYIISYSA')

('A: ', 20, 'B: ', -19, 'String: ', 'NZDVTZNZTDTTZPTZTLLNZJTNDVZJJTZTB')

('A: ', 20, 'B: ', -18, 'String: ', 'OAEWUAOAUEUUAQUAUMMOAKUOEWAKKUAUC')

('A: ', 20, 'B: ', -17, 'String: ', 'PBFXVBPBVFVVBRVBVNNPBLVPFXBLLVBVD')

('A: ', 20, 'B: ', -16, 'String: ', 'QCGYWCQCWGWWCSWCWOOQCMWQGYCMMWCWE')

('A: ', 20, 'B: ', -15, 'String: ', 'RDHZXDRDXHXXDTXDXPPRDNXRHZDNNXDXF')

('A: ', 20, 'B: ', -14, 'String: ', 'SEIAYESEYIYYEUYEYQQSEOYSIAEOOYEYG')

('A: ', 20, 'B: ', -13, 'String: ', 'TFJBZFTFZJZZFVZFZRRTFPZTJBFPPZFZH')

('A: ', 20, 'B: ', -12, 'String: ', 'UGKCAGUGAKAAGWAGASSUGQAUKCGQQAGAI')

('A: ', 20, 'B: ', -11, 'String: ', 'VHLDBHVHBLBBHXBHBTTVHRBVLDHRRBHBJ')

('A: ', 20, 'B: ', -10, 'String: ', 'WIMECIWICMCCIYCICUUWISCWMEISSCICK')

('A: ', 20, 'B: ', -9, 'String: ', 'XJNFDJXJDNDDJZDJDVVXJTDXNFJTTDJDL')

('A: ', 20, 'B: ', -8, 'String: ', 'YKOGEKYKEOEEKAEKEWWYKUEYOGKUUEKEM')

('A: ', 20, 'B: ', -7, 'String: ', 'ZLPHFLZLFPFFLBFLFXXZLVFZPHLVVFLFN')

('A: ', 20, 'B: ', -6, 'String: ', 'AMQIGMAMGQGGMCGMGYYAMWGAQIMWWGMGO')

('A: ', 20, 'B: ', -5, 'String: ', 'BNRJHNBNHRHHNDHNHZZBNXHBRJNXXHNHP')

('A: ', 20, 'B: ', -4, 'String: ', 'COSKIOCOISIIOEIOIAACOYICSKOYYIOIQ')

('A: ', 20, 'B: ', -3, 'String: ', 'DPTLJPDPJTJJPFJPJBBDPZJDTLPZZJPJR')

('A: ', 20, 'B: ', -2, 'String: ', 'EQUMKQEQKUKKQGKQKCCEQAKEUMQAAKQKS')

('A: ', 20, 'B: ', -1, 'String: ', 'FRVNLRFRLVLLRHLRLDDFRBLFVNRBBLRLT')

('A: ', 20, 'B: ', 0, 'String: ', 'GSWOMSGSMWMMSIMSMEEGSCMGWOSCCMSMU')

('A: ', 21, 'B: ', -26, 'String: ', 'SPBDKPSPKBKKPYKCXMMSPGKSBDCTTKPKV')

('A: ', 21, 'B: ', -25, 'String: ', 'TQCELQTQLCLLQZLDYNNTQHLTCEDUULQLW')

('A: ', 21, 'B: ', -24, 'String: ', 'URDFMRURMDMMRAMEZOOURIMUDFEVVMRMX')

('A: ', 21, 'B: ', -23, 'String: ', 'VSEGNSVSNENNSBNFAPPVSJNVEGFWWNSNY')

('A: ', 21, 'B: ', -22, 'String: ', 'WTFHOTWTOFOOTCOGBQQWTKOWFHGXXOTOZ')

('A: ', 21, 'B: ', -21, 'String: ', 'XUGIPUXUPGPPUDPHCRRXULPXGIHYYPUPA')

('A: ', 21, 'B: ', -20, 'String: ', 'YVHJQVYVQHQQVEQIDSSYVMQYHJIZZQVQB')

('A: ', 21, 'B: ', -19, 'String: ', 'ZWIKRWZWRIRRWFRJETTZWNRZIKJAARWRC')

('A: ', 21, 'B: ', -18, 'String: ', 'AXJLSXAXSJSSXGSKFUUAXOSAJLKBBSXSD')

('A: ', 21, 'B: ', -17, 'String: ', 'BYKMTYBYTKTTYHTLGVVBYPTBKMLCCTYTE')

('A: ', 21, 'B: ', -16, 'String: ', 'CZLNUZCZULUUZIUMHWWCZQUCLNMDDUZUF')

('A: ', 21, 'B: ', -15, 'String: ', 'DAMOVADAVMVVAJVNIXXDARVDMONEEVAVG')

('A: ', 21, 'B: ', -14, 'String: ', 'EBNPWBEBWNWWBKWOJYYEBSWENPOFFWBWH')

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('A: ', 21, 'B: ', -10, 'String: ', 'IFRTAFIFARAAFOASNCCIFWAIRTSJJAFAL')

('A: ', 21, 'B: ', -9, 'String: ', 'JGSUBGJGBSBBGPBTODDJGXBJSUTKKBGBM')

('A: ', 21, 'B: ', -8, 'String: ', 'KHTVCHKHCTCCHQCUPEEKHYCKTVULLCHCN')

('A: ', 21, 'B: ', -7, 'String: ', 'LIUWDILIDUDDIRDVQFFLIZDLUWVMMDIDO')

('A: ', 21, 'B: ', -6, 'String: ', 'MJVXEJMJEVEEJSEWRGGMJAEMVXWNNEJEP')

('A: ', 21, 'B: ', -5, 'String: ', 'NKWYFKNKFWFFKTFXSHHNKBFNWYXOOFKFQ')

('A: ', 21, 'B: ', -4, 'String: ', 'OLXZGLOLGXGGLUGYTIIOLCGOXZYPPGLGR')

('A: ', 21, 'B: ', -3, 'String: ', 'PMYAHMPMHYHHMVHZUJJPMDHPYAZQQHMHS')

('A: ', 21, 'B: ', -2, 'String: ', 'QNZBINQNIZIINWIAVKKQNEIQZBARRINIT')

('A: ', 21, 'B: ', -1, 'String: ', 'ROACJOROJAJJOXJBWLLROFJRACBSSJOJU')

('A: ', 21, 'B: ', 0, 'String: ', 'SPBDKPSPKBKKPYKCXMMSPGKSBDCTTKPKV')

('A: ', 22, 'B: ', -26, 'String: ', 'EMGSIMEMIGIIMOIMIUUEMKIEGSMKKIMIW')

('A: ', 22, 'B: ', -25, 'String: ', 'FNHTJNFNJHJJNPJNJVVFNLJFHTNLLJNJX')

('A: ', 22, 'B: ', -24, 'String: ', 'GOIUKOGOKIKKOQKOKWWGOMKGIUOMMKOKY')

('A: ', 22, 'B: ', -23, 'String: ', 'HPJVLPHPLJLLPRLPLXXHPNLHJVPNNLPLZ')

('A: ', 22, 'B: ', -22, 'String: ', 'IQKWMQIQMKMMQSMQMYYIQOMIKWQOOMQMA')

('A: ', 22, 'B: ', -21, 'String: ', 'JRLXNRJRNLNNRTNRNZZJRPNJLXRPPNRNB')

('A: ', 22, 'B: ', -20, 'String: ', 'KSMYOSKSOMOOSUOSOAAKSQOKMYSQQOSOC')

('A: ', 22, 'B: ', -19, 'String: ', 'LTNZPTLTPNPPTVPTPBBLTRPLNZTRRPTPD')

('A: ', 22, 'B: ', -18, 'String: ', 'MUOAQUMUQOQQUWQUQCCMUSQMOAUSSQUQE')

('A: ', 22, 'B: ', -17, 'String: ', 'NVPBRVNVRPRRVXRVRDDNVTRNPBVTTRVRF')

('A: ', 22, 'B: ', -16, 'String: ', 'OWQCSWOWSQSSWYSWSEEOWUSOQCWUUSWSG')

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('A: ', 22, 'B: ', -8, 'String: ', 'WEYKAEWEAYAAEGAEAMMWECAWYKECCAEAO')

('A: ', 22, 'B: ', -7, 'String: ', 'XFZLBFXFBZBBFHBFBNNXFDBXZLFDDBFBP')

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('A: ', 22, 'B: ', -2, 'String: ', 'CKEQGKCKGEGGKMGKGSSCKIGCEQKIIGKGU')

('A: ', 22, 'B: ', -1, 'String: ', 'DLFRHLDLHFHHLNHLHTTDLJHDFRLJJHLHV')

('A: ', 22, 'B: ', 0, 'String: ', 'EMGSIMEMIGIIMOIMIUUEMKIEGSMKKIMIW')

('A: ', 23, 'B: ', -26, 'String: ', 'QJLHGJQJGLGGJEGWTCCQJOGQLHWBBGJGX')

('A: ', 23, 'B: ', -25, 'String: ', 'RKMIHKRKHMHHKFHXUDDRKPHRMIXCCHKHY')

('A: ', 23, 'B: ', -24, 'String: ', 'SLNJILSLINIILGIYVEESLQISNJYDDILIZ')

('A: ', 23, 'B: ', -23, 'String: ', 'TMOKJMTMJOJJMHJZWFFTMRJTOKZEEJMJA')

('A: ', 23, 'B: ', -22, 'String: ', 'UNPLKNUNKPKKNIKAXGGUNSKUPLAFFKNKB')

('A: ', 23, 'B: ', -21, 'String: ', 'VOQMLOVOLQLLOJLBYHHVOTLVQMBGGLOLC')

('A: ', 23, 'B: ', -20, 'String: ', 'WPRNMPWPMRMMPKMCZIIWPUMWRNCHHMPMD')

('A: ', 23, 'B: ', -19, 'String: ', 'XQSONQXQNSNNQLNDAJJXQVNXSODIINQNE')

('A: ', 23, 'B: ', -18, 'String: ', 'YRTPORYROTOORMOEBKKYRWOYTPEJJOROF')

('A: ', 23, 'B: ', -17, 'String: ', 'ZSUQPSZSPUPPSNPFCLLZSXPZUQFKKPSPG')

('A: ', 23, 'B: ', -16, 'String: ', 'ATVRQTATQVQQTOQGDMMATYQAVRGLLQTQH')

('A: ', 23, 'B: ', -15, 'String: ', 'BUWSRUBURWRRUPRHENNBUZRBWSHMMRURI')

('A: ', 23, 'B: ', -14, 'String: ', 'CVXTSVCVSXSSVQSIFOOCVASCXTINNSVSJ')

('A: ', 23, 'B: ', -13, 'String: ', 'DWYUTWDWTYTTWRTJGPPDWBTDYUJOOTWTK')

('A: ', 23, 'B: ', -12, 'String: ', 'EXZVUXEXUZUUXSUKHQQEXCUEZVKPPUXUL')

('A: ', 23, 'B: ', -11, 'String: ', 'FYAWVYFYVAVVYTVLIRRFYDVFAWLQQVYVM')

('A: ', 23, 'B: ', -10, 'String: ', 'GZBXWZGZWBWWZUWMJSSGZEWGBXMRRWZWN')

('A: ', 23, 'B: ', -9, 'String: ', 'HACYXAHAXCXXAVXNKTTHAFXHCYNSSXAXO')

('A: ', 23, 'B: ', -8, 'String: ', 'IBDZYBIBYDYYBWYOLUUIBGYIDZOTTYBYP')

('A: ', 23, 'B: ', -7, 'String: ', 'JCEAZCJCZEZZCXZPMVVJCHZJEAPUUZCZQ')

('A: ', 23, 'B: ', -6, 'String: ', 'KDFBADKDAFAADYAQNWWKDIAKFBQVVADAR')

('A: ', 23, 'B: ', -5, 'String: ', 'LEGCBELEBGBBEZBROXXLEJBLGCRWWBEBS')

('A: ', 23, 'B: ', -4, 'String: ', 'MFHDCFMFCHCCFACSPYYMFKCMHDSXXCFCT')

('A: ', 23, 'B: ', -3, 'String: ', 'NGIEDGNGDIDDGBDTQZZNGLDNIETYYDGDU')

('A: ', 23, 'B: ', -2, 'String: ', 'OHJFEHOHEJEEHCEURAAOHMEOJFUZZEHEV')

('A: ', 23, 'B: ', -1, 'String: ', 'PIKGFIPIFKFFIDFVSBBPINFPKGVAAFIFW')

('A: ', 23, 'B: ', 0, 'String: ', 'QJLHGJQJGLGGJEGWTCCQJOGQLHWBBGJGX')

('A: ', 24, 'B: ', -26, 'String: ', 'CGQWEGCGEQEEGUEGEKKCGSECQWGSSEGEY')

('A: ', 24, 'B: ', -25, 'String: ', 'DHRXFHDHFRFFHVFHFLLDHTFDRXHTTFHFZ')

('A: ', 24, 'B: ', -24, 'String: ', 'EISYGIEIGSGGIWGIGMMEIUGESYIUUGIGA')

('A: ', 24, 'B: ', -23, 'String: ', 'FJTZHJFJHTHHJXHJHNNFJVHFTZJVVHJHB')

('A: ', 24, 'B: ', -22, 'String: ', 'GKUAIKGKIUIIKYIKIOOGKWIGUAKWWIKIC')

('A: ', 24, 'B: ', -21, 'String: ', 'HLVBJLHLJVJJLZJLJPPHLXJHVBLXXJLJD')

('A: ', 24, 'B: ', -20, 'String: ', 'IMWCKMIMKWKKMAKMKQQIMYKIWCMYYKMKE')

('A: ', 24, 'B: ', -19, 'String: ', 'JNXDLNJNLXLLNBLNLRRJNZLJXDNZZLNLF')

('A: ', 24, 'B: ', -18, 'String: ', 'KOYEMOKOMYMMOCMOMSSKOAMKYEOAAMOMG')

('A: ', 24, 'B: ', -17, 'String: ', 'LPZFNPLPNZNNPDNPNTTLPBNLZFPBBNPNH')

('A: ', 24, 'B: ', -16, 'String: ', 'MQAGOQMQOAOOQEOQOUUMQCOMAGQCCOQOI')

('A: ', 24, 'B: ', -15, 'String: ', 'NRBHPRNRPBPPRFPRPVVNRDPNBHRDDPRPJ')

('A: ', 24, 'B: ', -14, 'String: ', 'OSCIQSOSQCQQSGQSQWWOSEQOCISEEQSQK')

('A: ', 24, 'B: ', -13, 'String: ', 'PTDJRTPTRDRRTHRTRXXPTFRPDJTFFRTRL')

('A: ', 24, 'B: ', -12, 'String: ', 'QUEKSUQUSESSUISUSYYQUGSQEKUGGSUSM')

('A: ', 24, 'B: ', -11, 'String: ', 'RVFLTVRVTFTTVJTVTZZRVHTRFLVHHTVTN')

('A: ', 24, 'B: ', -10, 'String: ', 'SWGMUWSWUGUUWKUWUAASWIUSGMWIIUWUO')

('A: ', 24, 'B: ', -9, 'String: ', 'TXHNVXTXVHVVXLVXVBBTXJVTHNXJJVXVP')

('A: ', 24, 'B: ', -8, 'String: ', 'UYIOWYUYWIWWYMWYWCCUYKWUIOYKKWYWQ')

('A: ', 24, 'B: ', -7, 'String: ', 'VZJPXZVZXJXXZNXZXDDVZLXVJPZLLXZXR')

('A: ', 24, 'B: ', -6, 'String: ', 'WAKQYAWAYKYYAOYAYEEWAMYWKQAMMYAYS')

('A: ', 24, 'B: ', -5, 'String: ', 'XBLRZBXBZLZZBPZBZFFXBNZXLRBNNZBZT')

('A: ', 24, 'B: ', -4, 'String: ', 'YCMSACYCAMAACQACAGGYCOAYMSCOOACAU')

('A: ', 24, 'B: ', -3, 'String: ', 'ZDNTBDZDBNBBDRBDBHHZDPBZNTDPPBDBV')

('A: ', 24, 'B: ', -2, 'String: ', 'AEOUCEAECOCCESCECIIAEQCAOUEQQCECW')

('A: ', 24, 'B: ', -1, 'String: ', 'BFPVDFBFDPDDFTDFDJJBFRDBPVFRRDFDX')

('A: ', 24, 'B: ', 0, 'String: ', 'CGQWEGCGEQEEGUEGEKKCGSECQWGSSEGEY')

('A: ', 25, 'B: ', -26, 'String: ', 'ODVLCDODCVCCDKCQPSSODWCOVLQJJCDCZ')

('A: ', 25, 'B: ', -25, 'String: ', 'PEWMDEPEDWDDELDRQTTPEXDPWMRKKDEDA')

('A: ', 25, 'B: ', -24, 'String: ', 'QFXNEFQFEXEEFMESRUUQFYEQXNSLLEFEB')

('A: ', 25, 'B: ', -23, 'String: ', 'RGYOFGRGFYFFGNFTSVVRGZFRYOTMMFGFC')

('A: ', 25, 'B: ', -22, 'String: ', 'SHZPGHSHGZGGHOGUTWWSHAGSZPUNNGHGD')

('A: ', 25, 'B: ', -21, 'String: ', 'TIAQHITIHAHHIPHVUXXTIBHTAQVOOHIHE')

('A: ', 25, 'B: ', -20, 'String: ', 'UJBRIJUJIBIIJQIWVYYUJCIUBRWPPIJIF')

('A: ', 25, 'B: ', -19, 'String: ', 'VKCSJKVKJCJJKRJXWZZVKDJVCSXQQJKJG')

('A: ', 25, 'B: ', -18, 'String: ', 'WLDTKLWLKDKKLSKYXAAWLEKWDTYRRKLKH')

('A: ', 25, 'B: ', -17, 'String: ', 'XMEULMXMLELLMTLZYBBXMFLXEUZSSLMLI')

('A: ', 25, 'B: ', -16, 'String: ', 'YNFVMNYNMFMMNUMAZCCYNGMYFVATTMNMJ')

('A: ', 25, 'B: ', -15, 'String: ', 'ZOGWNOZONGNNOVNBADDZOHNZGWBUUNONK')

('A: ', 25, 'B: ', -14, 'String: ', 'APHXOPAPOHOOPWOCBEEAPIOAHXCVVOPOL')

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('A: ', 25, 'B: ', -12, 'String: ', 'CRJZQRCRQJQQRYQEDGGCRKQCJZEXXQRQN')

('A: ', 25, 'B: ', -11, 'String: ', 'DSKARSDSRKRRSZRFEHHDSLRDKAFYYRSRO')

('A: ', 25, 'B: ', -10, 'String: ', 'ETLBSTETSLSSTASGFIIETMSELBGZZSTSP')

('A: ', 25, 'B: ', -9, 'String: ', 'FUMCTUFUTMTTUBTHGJJFUNTFMCHAATUTQ')

('A: ', 25, 'B: ', -8, 'String: ', 'GVNDUVGVUNUUVCUIHKKGVOUGNDIBBUVUR')

('A: ', 25, 'B: ', -7, 'String: ', 'HWOEVWHWVOVVWDVJILLHWPVHOEJCCVWVS')

('A: ', 25, 'B: ', -6, 'String: ', 'IXPFWXIXWPWWXEWKJMMIXQWIPFKDDWXWT')

('A: ', 25, 'B: ', -5, 'String: ', 'JYQGXYJYXQXXYFXLKNNJYRXJQGLEEXYXU')

('A: ', 25, 'B: ', -4, 'String: ', 'KZRHYZKZYRYYZGYMLOOKZSYKRHMFFYZYV')

('A: ', 25, 'B: ', -3, 'String: ', 'LASIZALAZSZZAHZNMPPLATZLSINGGZAZW')

('A: ', 25, 'B: ', -2, 'String: ', 'MBTJABMBATAABIAONQQMBUAMTJOHHABAX')

('A: ', 25, 'B: ', -1, 'String: ', 'NCUKBCNCBUBBCJBPORRNCVBNUKPIIBCBY')

('A: ', 25, 'B: ', 0, 'String: ', 'ODVLCDODCVCCDKCQPSSODWCOVLQJJCDCZ')