

My program runs flawlessly when run for individual phases but encounters problems when run otherwise usually during phase 4.

So please do run the code multiple times in order to best gauge it's performance.

This is a screenshot of the grader when the code ran without any hitches.

```
Testing goJysSU0TNZIZruSuJfXcrCP8TJ3Vz0kc h7AMWvLNK8fXw0uJPXhQf7zLPgMziVwW
Testing DlhWUz7rmm5skxhNPjVviFE5JiicLBWw tcBwSSM6NOCpgWZcxhMjFj5Zy0JZxEXAC
Testing tL0umavv3Cg4TiaeUKRR0mCsZW3DjGsK JDrYqeNRd1k0o6DhcsAguJbu1iA0NhxA
Testing QUVRpA1Iom6Qj1dyvaR996Gcpip8F4D1 EXw10a9gvnbGFBjwXk7v6bLaiqucdJ4t
Testing S1nsU6nUTz0iWl0mMplTGX8ncAqqJFK 0X0JXpE1AP9r8j5pBgM2Xn0NvR5F0FKz
Testing 00SpwTK1Kw1edUKYCOP2tDYooJs0z4m vw6YYrIpgLuUFEPNVveBWrTFfeiQbOEIZ
Testing BDEH4ifY0NP9Vz1phF8emChHPA5ozuLZ qEnEn1QHmHvr0cFwB9we6PhvVT45GCts
Testing X18F55jWrfOTRD1ET0UKn4ecCJ7Muf3L tYyI67P6qT10DH8cFpsV9GtjYDFdYw5Q
Testing VgxFJUwjsTH3dW0GmQ1tSdKzTdY2U7Gd DbMuS5fQihNny1m99igY0zEmafrgQKAK
Testing gTxD0pN1ffF8Bp13WROED0UxSFCV6tcv aK2wrTGF6Z63Z0p5z62ByNtA93znW3tG
Testing qPdqIjM9xuEEASpLBjIGfigTtD30YA5P P0h9M9LoZdHaEeseVOUT80gcsm4fytIz
Testing Ii3jQ9le1RF2engb55KF8Vg85XogWz0p 0JwVnEv4SEtQ0ScwxSswUpzJ38MukWhI6
Testing U0mXshgKsbM6s07UD8Z1TWrvXugSITU sn82zfeCEP719uGkLERF1Xj0340zm4MG
Testing 1cT4MqISX1QsX118NKjxCKICGlyj0mTN Q8heFZ2rCFqz4yHmNzLzZZ1Mz09Z068C
Testing Ft1MPi5eC3QhXks8Ah8NBUXQVL09elKs KaYQ4iFTNakmq4qLZ6KqgAIDE55v1BRJ
Testing JxLyr21pnKcpkUNNFUKw5HQ7E3CEJ2iC MT05pasbdrTG9mtJw0HqR0TsGMZjfdOz
Testing 9r6Yt0Fwp9nnny2bViQ57PNfa1N1uJp Ke0x1NsS3tb0bfsxhRKnSf1Yjka894vB
Testing WIOyqXSF1DzWfZ7Z1DAgWf5PhCdaPQcs jWUKQkEbxiuLBcu0bRfKEP3t0oLSgyOa
Testing EiJXymAm6Gva9fWzeXowi3s99qTWqBT 41AumvG3HXDtGzpw3qgmUiz1bno4mh0j
Testing 4i6ni0MtBT2ecOnhctRaM051Ec3I8MTO 8UjitZfuqXorv2ykUUKXomDpxLFHTCI
Testing dCAEA4JnkSk1zB11DRNCE2IA5m4u02BU CrvGtWRsVnET51dJg0TWdJ2611thFAHcC
Testing JmQKk50xYIRdhG30NnR6WwYErduNhrp FhLtKEPDdImqXUAupzneHnn10T1tXVx
Testing 5BgFere7uTmf5U7IENybfVf6dU0KNN46 somsQgPThs3QUdH0F3rJteQvMYLaAiA8
Testing exlvoiZpyi5vJpup7mmJGLVbdERBDG17 Z1a9tsxGv94AgD0YeBDhroVmu1i01jJ
Testing G9TDci03zPyETwu8gzGEB0erIbCRpK7E YvozIXgLrmeZYdEnl34aU93P98UQ10H
Testing nzV4tzmZu5G6nOTgukfDm7bYjPwMK4p ogbB51LKzktQJWAPs73dISDUQtyF3V
Testing 8H07Ex2F31Yxc7nckLRNvmBdzCkL0UCX BEG2L0gePQrzzzGWTJA1rYJ3sUcq30q20
Total score: 23
```