|  |  |  |
| --- | --- | --- |
| Password | Hash Output | Crackstation work? |
| 1. rr017713 | e6b9bd7905cb9d18eea69098bd03232e  7034c7c28c2b88ee0efd5daab0d3510cbb90e3b5fb7fadac3ad2f67fa1eb2120  01f22cf9d71e9836e6c30748ab7d8a37159690045f06999f08c9192449083b728a9798c13a2532cf3d7d7458c5bfe223a6464a0cd3b8b57c9a155f1fb2fda42a | NO |
| 2. whatdoyouwantfromme? | b724f12da9198e5895ceb8e5808c7105  177eeb7bbf07a330c42a08606b767e8e25b50b0e034dd2572bd804d08d535263  4dd53af15c2159fd3463c2b2096e8d42c319fce148aa29716ff70ec94d40943084a087cdeedaf443154956683123121c1cce8ef501f58c147247bf3a45216aaf | YES |
| 3. T-zqu!57p@r | debd64ff7c8adcb7114edddab7931f24  e1953ed980f452f60371ea748cf975344f7594272dbdc6b6578aeefe84b72a5f  a7c79bf1838c60eafa8dc99597074d782e9ea5ca4536c09c11c1f7c120d483f78eef4e27bfc7b667f1f2eec8b49b8b1b479a3f729b404266fe3eff5ccfadff6d | NO |
| 4. water is great@1 | bc6d0a08a95f145459649997bf1701b9  46f591735d59a007c15645119bf4869927d7153dce37542d73805205683007e1  0509ebb868b9fc1a2fb8a3b611bd91873a25c8738afca35803af71e76637bb45ae4380b7246055a6b06f4d41354407a81288de16af2bbf6d560febbfe7861900 | NO |
| 5. rebuilttacosjets | cfa7b4af7b5993d2ba84cda7390314ea  4947950caba3f45457fa8922142315229e42c0b4ccd25dfa5995763494605bd3  cf5a3b295efa057617e7da6f7fd2fe62da33584d88d9e9f541dc08ea3dfa57f1fc54adf172e63ad3c391bd70244c62207d5071cdea0de93e21eb2459b960084b | NO |
| 6. tri&26\*j7x&&US0a#Uqi | 4e9fb95963e9cac1b8b1769609d875e2  9abbca51345f98937e921025074298ff5ebea7a4e36849a3caf27797f34b78f3  5b3a236516081aea6d95a8580d2597b2e3fa4e58dc232cb04a701a4a7620f627daaf21dbb14255078d49c4717373b05dbc3e41c4d7d29b3d38800ef1cdefcfbc | NO |
| 7. password1234 | bdc87b9c894da5168059e00ebffb9077  b9c950640e1b3740e98acb93e669c65766f6670dd1609ba91ff41052ba48c6f3  8c7c9d16278ac60a19776f204f3109b1c2fc782ff8b671f42426a85cf72b1021887dd9e4febe420dcd215ba499ff12e230daf67afffde8bf84befe867a8822c4 | YES |
| 8. ve\_I5H4!H6nIq0\_UrUZ4 | 78af162eeb74f7414536c7c62f56c0d9  # This is SHA-2 Family:  a51e17a2d66011878d8ef0df63847ba8e76d529104b6b5225ae892570d53e64c  6e7fa970586e9c196a4c8e08c54e9954b846d64aa5464a76f58d932398413ae784f48fb878fbfca6b30677a8241803db531273969c4b5cc44e6454b6a8792b2c | NO |
| 9. thisisaneasyguessedpassword | f610965ca93b6211d4406f6b0431c147  9e779d412fc04bff669df1654509c0fbc2147ec9cb908f40f10dfbc2af5d0180  b48a847938db6b936c02431462b89c047f73b98713850f6985f0fbfad7c9d640e7d20b1a6788e3e75202ea5b627f2fff6058de660562e19d557d232cec5a741a | NO |
| 10. Y?cr8wrArur!SP!ch4f- | e7420723e3ccf5e804ca6d7fb26a0e5f  1b757944b16656f794bfee741fb1e88e97cdd0a3d775ee566647315fcddc70ed  dda48338c51a6dc03b8907bcaed93a07d7fc19f8cc44f0e47496ae0dfcea2a5ebda16d1c8bb050b70940e939fd5ee7f1162ccf596e4c42ebc0c9ba3677633d7e | NO |
| 11. hellomynameisjoel | c8bc1955bfacc946e9c142e616ce1b8b  c540a6a59bff56a0a15f5b524f4a9c256145b6c77ae50a5dce9aaf366c9b4f79  3b846f95c6bee7445700c3c7d19d43a30b9976705168c68602c176f5c95f601ade044ea536f3efec27fb973891237c259d74375811a56200fa5798e738221caa | NO |
| 12. getthegoats | 24a0b286dd62c2543f94dddc63abcf71  38a523a5f74cc5852534718c3e33b56bc7cc4a0a475dd44b38104d16cb599680  cfd1fcfd3aa60527915cadf571e3c42d15473cb10d6b2314926c1521a22d4ce37b71cdc9348d6c3755b3253d13dc8ed988e96ace60ff69b49734a300d27b7d2b | NO |
| 13. yLH5pEc25\*$x-vIC!$p6 | 213f98f7228a83b8e7fa3bfdfc4942a6  0a6cd31dbe90359dd42d89f1033f7c73e242fd1767f19265db97622e80104f10  b0edb3b1a005f74c73a21294c9557139a35d2897d874cf84aff423dca37dcebb9df2882c19a38fbfce65777efb0d06d3e2606dff93a3928cb0093a485ae0d2ac | NO |
| 14. hellothere | c6f7c372641dd25e0fddf0215375561f  1d996e033d612d9af2b44b70061ee0e868bfd14c2dd90b129e1edeb7953e7985  20d28812d27b1e2f9c41021318c12565cef7126decb8533ab4965a38069763cb3486af1c831cb134ca9767898c8796f07b5ad9b4fd0e7d7532f899387fa83226 | YES |
| 15. p@ssWord1 | fdc00471cb78ee01cfc1293aa76f84fa  5bdad868d01876a90060da66fbb2d94061a036cb37da84eaa1737569d6154930  12eb62aba91147face1118778283ce8b4291f533bf9757088ab71a50277cc515367521514601448cd75682a2b932cc39b8f9eaadc92491f8f6dc144c680c94a0 | NO |
| 16. hellotheretacos | 1160d2c6390db28ffc64f2796a814b75  7ce972babbcd487a40628a32b95d7656ed1b089605d863d759b0f9e64ab1e0da  f0c79113cef08faae0a7ef12fd48981b6f135ecccb945d68219a20d3364d577d3587531c104c806ee71fa76140957b051a50ca3a75d15cc92810327cc2e138fb | NO |
| 17. 12345678910 | 432f45b44c432414d2f97df0e5743818  63640264849a87c90356129d99ea165e37aa5fabc1fea46906df1a7ca50db492  16d4074e1a1f081538a09b801586da6881e547def93e643e4bac5195d9ef14ecb45d636f34c7cd166408de6cb2ed987d3e53212e3ad12a597cac49e5b64197ab | YES |
| 18. 1 2 3 4 5 6 7 8 9 10 | 95fcca8786f5b3bb73d325a3dc4135a0  65e30693f1c92b49f82f3d909444be02911cbd365931405c06eed475cfc5023d  a93e8964299e14e3adb3093393592b0c8334fc2a6aa811708a5e74910f03ce288ca6bbe10b12f98e868f977acbc6e95116b33b9bc358346276ecb91a6c3774e9 | YES |
| 19. whatisthepassword1234 | aa7534de3177f4fb2553886275f3ce29  ca14ab229445eba2fe22cce428045183baa03b8102a102c51d648d061e0fcd12  b5ecfaabb46da9c91701f0a178e269d9117ce46a4ca3e6927e57e36ff58eabef4b99f60d827ce4229ba0bfb87b9f0e9366461eada365aa3561e070d259131107 | NO |
| 20. justdoit | 19f9f30bd097d4c066d758fb01b75032  778cc70263f4727de8a4b1a0b44f10accd7ae4569099479e2cb2702a186e2bd3  c511ef87fbb672d238e70f5905e81571598b0a75a9b5ac915b1537704e9c078f5cd83660d754f1737dd5dd334e4581583d8d68bea957d02315ff99bcbd846253 | YES |

Lessons learned:  
Be sure to describe what you learned from this password cracking activity and what would you recommend as possible strong passwords after completing this activity in your report?

After completing this this activity I learned a lot about how I should be thinking about my passwords. For example, I tried a few passwords with related words and some common passwords people tend to use. Those passwords were the ones that were cracked. Additionally, passowords which were shorter seemed easily guessed. As I entered passwords with three random words it reminded me of the reading from a few weeks ago. It mentioned that using words and numbers are great but can be hard to remember. Passwords with three random unrelated words are easy to remember but hard for computers to crack. That seemed to be true in this activity. I also used Norton randomly generated passwords and those were long with random letters numbers and characters. I expected those to not be cracked. However, they would definitely be impossible to remember. So, I will be incorporating the three random words into my passwords from now on.