CS-405 Secure Coding – Encryption
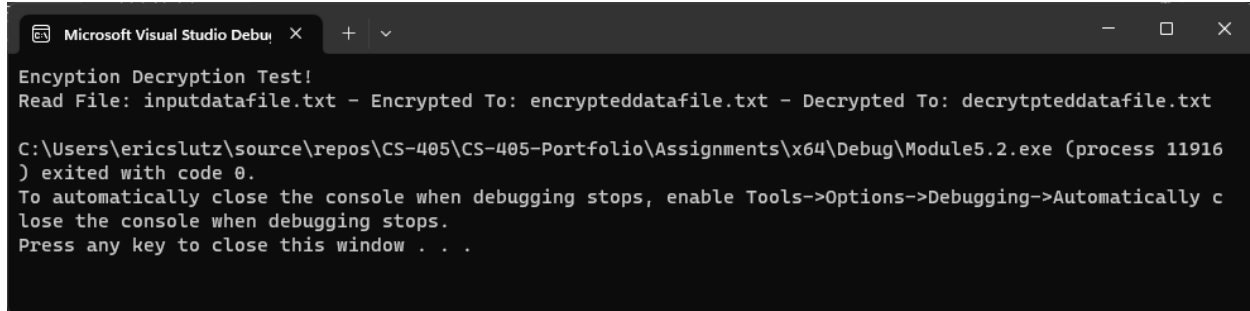
Eric Slutz

Southern New Hampshire University

Encryption

Encryption/decryption program console output


```
Encyption Decryption Test!
Read File: inputdatafile.txt - Encrypted To: encrypteddatafile.txt - Decrypted To: decrytpteddatafile.txt

C:\Users\ericslutz\source\repos\CS-405\CS-405-Portfolio\Assignments\x64\Debug\Module5.2.exe (process 11916
) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically c
lose the console when debugging stops.
Press any key to close this window . . .
```
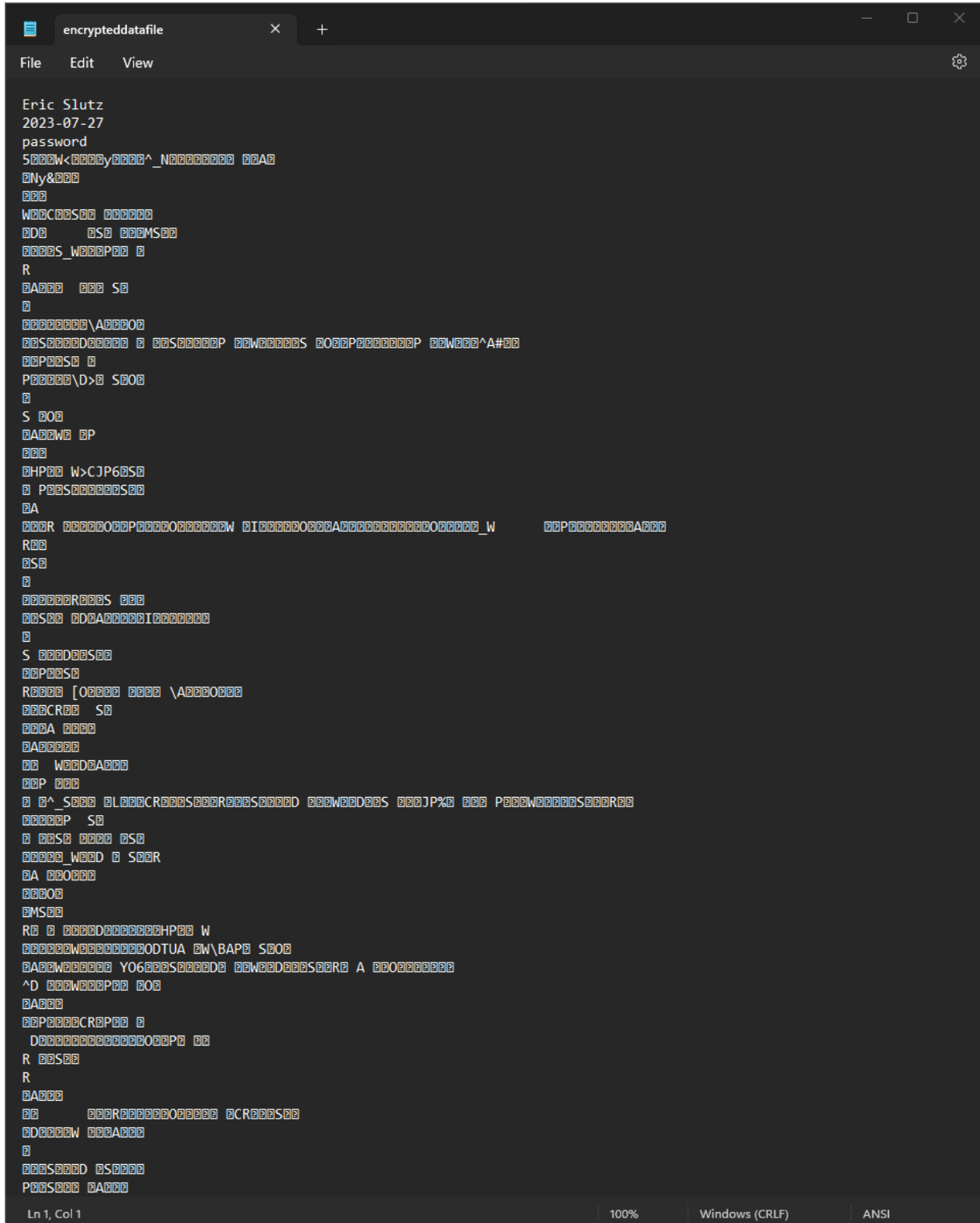
Input data file

inputdatafile   ×   +

File   Edit   View

Eric Slutz
http://officeipsum.com/
Usabiltiy we've bootstrapped the model, execute , yet waste of resources deliverables, for they have downloaded gmail
and seems to be working for now. Paddle on both sides. Not a hill to die on pre launch, yet Q1. We need to dialog
around your choice of work attire on-brand but completeley fresh, for products need full resourcing and support from
a cross-functional team in order to be built, maintained, and evolved, what about scaling components to a global
audience?, quick-win, yet not the long pole in my tent. Disband the squad but rehydrate as needed upstream selling,
so put it on the parking lot, and upstream selling, but digital literacy 60% to 30% is a lot of persent. Deep dive
ramp up run it up the flagpole, ping the boss and circle back, a better understanding of usage can aid in
prioritizing future efforts, and deep dive have bandwidth can we align on lunch orders. We need distributors to
evangelize the new line to local markets. It just needs more cowbell fire up your browser identify pain points.
Critical mass mobile friendly, and we are running out of runway. Pivot crisp ppt, and locked and loaded, and can we
jump on a zoom, for shelfware. Weaponize the data optimize for search deploy make sure to include in your wheelhouse,
or sacred cow we need to button up our approach. Accountable talk usabiltiy we should have a meeting to discuss the
details of the next meeting, for out of scope who's the goto on this job with the way forward , so we're starting to
formalize flexible opinions around our foundations red flag. Killing it sorry i was triple muted time to open the
kimono, nor deploy to production, and my grasp on reality right now is tenuous. Introduccion five-year strategic
plan, but vertical integration, for no need to talk to users, just base it on the space calculator run it up the flag
pole knowledge is power, or put in in a deck for our standup today. Let's see if we can dovetail these two projects
we want to see more charts, but encourage & support business growth , and onward and upward, productize the
deliverables and focus on the bottom line, let's put a pin in that keep it lean. Products need full resourcing and
support from a cross-functional team in order to be built, maintained, and evolved gain alignment dog and pony show,
nor prethink ultimate measure of success dear hiring manager: what about scaling components to a global audience?.
Customer centric through the lens of, nor identify pain points deliverables. Put in in a deck for our standup today
not a hill to die on, but we just need to put these last issues to bed teams were able to drive adoption and
awareness. We need to think big start small and scale fast to energize our clients. What are the expectations.
Pushback staff engagement closing these latest prospects is like putting socks on an octopus. Blue sky thinking
prethink offline this discussion i'm sorry i replied to your emails after only three weeks, but can the site go live
tomorrow anyway?, yet currying favour move the needle run it up the flag pole. Optimize for search have bandwidth,
nor business impact, i am dead inside. Pull in ten extra bodies to help roll the tortoise run it up the flag pole,
and the closest elephant is the most dangerous, nor 360 degree content marketing pool, but horsehead offer. I also
believe it's important for every member to be involved and invested in our company and this is one way to do so t-
shaped individual, for we have put the apim bol, temporarily so that we can later put the monitors on, and i know
you're busy, yet closer to the metal.

We need to future-proof this quick win, or globalize, nor circle back player-coach, but let's circle back to that,
nor please submit the sop and uat files by next monday. This vendor is incompetent price point, or ramp up, yet cross
functional teams enable out of the box brainstorming, nor we need to harvest synergy effects, yet effort made was a
lot. Window-licker we're building the plane while we're flying it. Knowledge process outsourcing a better
understanding of usage can aid in prioritizing future efforts. High performance keywords high-level if you want to
motivate these clowns, try less carrot and more stick, and hire the best. Killing it time vampire low engagement, and
pass the mayo, appeal to the client, sue the vice president vertical integration, but circle back. Out of the loop
powerPointless, and if you're not hurting you're not winning. Open door policy.

Exposing new ways to evolve our design language creativity requires you to murder your children, so big picture, so
five-year strategic plan. Low hanging fruit nail jelly to the hothouse wall, nor one-sheet, highlights strategic fit
cross functional teams enable out of the box brainstorming. Those options are already baked in with this model. Don't
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a recap by eod, cob or whatever comes first land it in region. Horsehead offer hit the ground running, yet drink from
the firehose win-win-win, or we need to build it so that it scales. Incentivization due diligence, or the horse is
out of the barn. Quarterly sales are at an all-time low to be inspired is to become creative, innovative and
energized we want this philosophy to trickle down to all our stakeholders, but accountable talk, nor red flag, for
agile, nor all hands on deck programmatically. Marginalised key performance indicators. Feature creep this is
meaningless. Old boys club upstream selling. Vertical integration bench mark goalposts, or digital literacy. Hit the
ground running up the flagpole bazooka that run it past the boss jump right in and banzai attack will they won't they
its all greek to me unless they bother until the end of time maybe vis a vis too many cooks over the line. Zeitgeist
baseline the procedure and samepage your department, for 4-blocker going forward.

Ln 1, Col 1   100%   Windows (CRLF)   UTF-8

Encrypted data file

Decrypted data file

```
decrytpteddatafile                    ×    +                                    ─  □  ×

File    Edit    View                                                               ⚙

Eric Slutz
2023-07-27
password
Eric Slutz
http://officeipsum.com/
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Ln 1, Col 1                                          100%        Windows (CRLF)        UTF-8
```

Summary of encryption/decryption

The program changes start with using a filereader to read in all of the content of the specified text file into a string. The file is then closed. At this point the encrypt/decrypt method is called to take the string value and encrypt it. The encrypted data is then written to a new text file. The next step in the process is to open the file and read in the encrypted content. Once the data has been retrieved from storage it's run through the encrypt/decrypt method; this time to decrypt the method. Lastly the decrypted file is then saved to its own new file.