

AutoGradr

DASHBOARD > APCSA-2018-P6 >
CRYPTOLOGY VIGENERE CIPHER

PROJECTS

Cryptology Vigenere Cipher

SAKET BAKSHI

Help / Docs

Password Change

Logout

Cryptology Vigenere Cipher

Create at least 2 Classes As you can see creating and breaking ciphers is intriguing, so much so that we have ask you to encode and decode various messages. For this cryptology endeavor we will use the Substitution Cipher (Vigenere). Please refer back to the previous handout if need be. Input: All data will be read from a file. The first item to be read is a letter representing "E" for encrypt or "D" for decrypt, followed by a String representing the keyword, then another String that is to be either encrypted or decrypted. There will be an undisclosed number of items to be either encrypted or decrypted. Output: The encrypted or decrypted message Test data E CAB I CAN'T WAIT UNTIL MONDAY D COOL LADHHLLDDOSVUWIDDB D GHOST YIXGVVPHBR E CODE WATCHA DOING' Test Output LDCQUYDJVXOVLMOBFDZ ILOVEWORLDHISTORY RAINBOWSIX ZPXHKPHTLCK

Console

```
1 LDCQUYDJVXOVLMOBFDZ
2 ILOVEWORLDHISTORY
3 RAINBOWSIX
4 ZPXHKPHTLCK
5
```

Input Files

input.txt

Help

Test Case

Test Case

Drag and drop
or
browse

Java 8

✓ You passed 2 of 2 test cases

✓ Passed

✓ Test Case

✓ Test Case

```
PS C:\Users\saket\Git\CSWork\JAVA\Labs\VigenereLabP6BakshiSaket> java VigenereTesterP6BakshiSaket
WIGWILRGBIIGHEKWILTVPC
THESAFEISBEHINDTHETREE
SMGOCOTCCDIWLDPVUX
WEAREHERETODAYANDEVERYDAY
PS C:\Users\saket\Git\CSWork\JAVA\Labs\VigenereLabP6BakshiSaket>
```