

2 TERM

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# **PROJECT REPORT**

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## INTRODUCTION

A code is created to encrypt entire word or phrase given by a user, using the encryption method of Cesar, and in the same way using the instructions given by the teacher. Following the instructions, initiates the creation and modification of the code for the realization of the encryption and decryption of the word or phrase.

## STEPS

- The first step that I used is read and save a String given by a user.
- The second step is read the position that you want to change.
- The third step is to know what action you want to realize, encrypt or decrypt.
- The fourth step is to make the Convention to do the encryption or decryption, we need to know that there are only 26 letters of the alphabet, so if you pass the letter 26 ("z"), would be returned to the letter 1 ("a").
- The fifth step is replace all vowels found by a number who the teacher gived us.
- And the last step is print the word or phrase.

## CONCLUSION

Is interesting learn more about the String in java, too know the methods that exist and also to take advantage that java give us at the time of programming.