Write a trivial encryption program which encrypts a given file using following algorithm and writes to another file with .encrypted extension.

a) All alphabets are replaced by the third letter after it (e.g a by d, b by e, x by a, y by b, z by c etc).

b) Whitespaces and special characters are left as is.

voidencrypFile(Stirng filename, String newFileName) {

}

Extend the application to create a decryptFile function which does the opposite. Make sure that you get the original file when you decrypt.