

# Programming Assignment 4

Write a algorithm that can perform AES encryption and decryption by using Java. Then use the AES algorithm with a fixed key to encrypt a message "ProgrammingAssignment4" and decrypt the encrypt message. Print out your encrypted message and decrypted message.

Instruction:

1. This assignment only allowed one single .java submission.
2. Your work should contains at least two methods: encryptionAES and decryptionAES.
3. You can only call method in main method. Please don't put any logic in main method.
4. Any redundant/unnecessary code will cause penalty.
5. Write comments for each line of your code. This worth 40points out of 100.
6. Unrunable file will have 0 as final grade of this assignment. No exception this time.
7. Use **your CampusID** as file name and class name like "yhuang30PA4.java".