

```

import java.util.Hashtable;
import hjow.convert.module.DecryptModule;
import hjow.convert.module.EncryptModule;
import hjow.convert.module.ReturnSelfMethod;

public class Main
{
    public static void main(String[] args)
    {

        String target = "";
        System.out.println("Test of the method converter\n");

        // Integrate all arguments as a single String variable
        for(String s : args)
        {
            target = target + s + " ";
        }

        // Create the parameter table. This is java.util.Hashtable<String, String> type
        Hashtable<String, String> parameters;

        //
        // Return-method-declaration-statement
        // convert : target
        //

        parameters = new Hashtable<String, String>();

        System.out.println("Try to convert \"" + target + "\".\n");

        // Insert several parameters
        parameters.put("class", "Writer"); // Class name
        parameters.put("method", "write"); // Method name
        parameters.put("variable", "r"); // Variable name

        // Create new convert module object
        ReturnSelfMethod converter = new ReturnSelfMethod();
        System.out.println("Results\n");

        // Convert text
        String converted = converter.convert(target, parameters);

        // Show
        System.out.println(converted);
        System.out.println();
    }
}

```

```

//
// Encryption
// encrypt : target
//

parameters = new Hashtable<String, String>();

System.out.println("Try to encrypt \"" + target + "\".\n");

// Insert several parameters
parameters.put("option", "AES"); // Encryption algorithm
parameters.put("key", "1234"); // Password
parameters.put("base64", "true"); // After-encrypt process

// Create new encrypt module object
EncryptModule encryptor = new EncryptModule();
System.out.println("Results\n");

// Encrypt text and show
String encrypted = encryptor.convert(target, parameters);

// Show
System.out.println(encrypted);
System.out.println();

//
// Decryption
// decrypt : encrypted
//

parameters = new Hashtable<String, String>();

System.out.println("Try to decrypt \"" + encrypted + "\".\n");

// Insert several parameters
parameters.put("option", "AES"); // Encryption algorithm
parameters.put("key", "1234"); // Password
parameters.put("base64", "true"); // After-encrypt process

// Create new decrypt module object
DecryptModule decryptor = new DecryptModule();
System.out.println("Results\n");

// Decrypt text and show
String decrypted = decryptor.convert(encrypted, parameters);

// Show
System.out.println(decrypted);
System.out.println();
}
}

```