

```
1 import java.security.MessageDigest;
2 import java.security.NoSuchAlgorithmException;
3
4 public class SecurePassword {
5     public static String lockPassword(String pw) {
6         String newPw = null;
7
8         try {
9             MessageDigest md = MessageDigest.
10 getInstance("MD5");
11
12             md.update(pw.getBytes());
13
14             byte[] bytes = md.digest();
15
16             StringBuilder sb = new StringBuilder();
17
18             for(int i = 0; i < bytes.length; i++) {
19                 sb.append(Integer.toString((bytes[i]
20 ] & 0xff) + 0x100, 16).substring(1));
21
22                 newPw = sb.toString();
23             } catch (NoSuchAlgorithmException e) {
24                 e.printStackTrace();
25             }
26
27             return newPw;
28         }
29 }
```