

```
1  package ballmerpeak.turtlenet.remoteserver;
2
3  import javax.xml.bind.DatatypeConverter;
4  import java.security.MessageDigest;
5
6  class Hasher {
7      public static String hash (String data) {
8          try {
9              MessageDigest hasher = MessageDigest.getInstance("SHA-256");
10             byte[] hash = hasher.digest(data.getBytes("UTF-8"));
11             return DatatypeConverter.printHexBinary(hash);
12         } catch (Exception e) {
13             System.out.println("SHA-256 isn't supported.");
14         }
15         return "not_a_hash";
16     }
17 }
```