```
import java.security.MessageDigest;
import java.security.SecureRandom;
import java.util.Base64;
public class DictionaryAttackProtection {
 public static void main(String[] args) throws Exception {
   String password = "mySecret123";
   byte[] salt = new byte[16];
   SecureRandom.getInstanceStrong().nextBytes(salt);
   // Combine password + salt and hash it
   MessageDigest md = MessageDigest.getInstance("SHA-256");
   md.update(salt);
   byte[] hash = md.digest(password.getBytes());
   // Show outputs
   System.out.println("Salt: " + Base64.getEncoder().encodeToString(salt));
   System.out.println("Hashed Password: " +
Base64.getEncoder().encodeToString(hash));
```