

- 1 "C:\Program Files\Java\jdk1.8.0_202\bin\java.exe" "-
javaagent:C:\Program Files\JetBrains\IntelliJ IDEA
Community Edition 2023.3.2\lib\idea_rt.jar=15389:C:\
Program Files\JetBrains\IntelliJ IDEA Community
Edition 2023.3.2\bin" -Dfile.encoding=UTF-8 -
classpath "C:\Program Files\Java\jdk1.8.0_202\jre\lib
\charsets.jar;C:\Program Files\Java\jdk1.8.0_202\jre\
\lib\deploy.jar;C:\Program Files\Java\jdk1.8.0_202\jre
\lib\ext\access-bridge-64.jar;C:\Program Files\Java\
jdk1.8.0_202\jre\lib\ext\cldrdata.jar;C:\Program
Files\Java\jdk1.8.0_202\jre\lib\ext\dnsns.jar;C:\
Program Files\Java\jdk1.8.0_202\jre\lib\ext\jaccess.
jar;C:\Program Files\Java\jdk1.8.0_202\jre\lib\ext\
jfxrt.jar;C:\Program Files\Java\jdk1.8.0_202\jre\lib\
ext\localedata.jar;C:\Program Files\Java\jdk1.8.0_202
\jre\lib\ext\nashorn.jar;C:\Program Files\Java\jdk1.8
.0_202\jre\lib\ext\sunec.jar;C:\Program Files\Java\
jdk1.8.0_202\jre\lib\ext\sunjce_provider.jar;C:\
Program Files\Java\jdk1.8.0_202\jre\lib\ext\sunmscapi
.jar;C:\Program Files\Java\jdk1.8.0_202\jre\lib\ext\
sunpkcs11.jar;C:\Program Files\Java\jdk1.8.0_202\jre\
\lib\ext\zipfs.jar;C:\Program Files\Java\jdk1.8.0_202\
jre\lib\javaws.jar;C:\Program Files\Java\jdk1.8.0_202
\jre\lib\jce.jar;C:\Program Files\Java\jdk1.8.0_202\
jre\lib\jfr.jar;C:\Program Files\Java\jdk1.8.0_202\
jre\lib\jfxswt.jar;C:\Program Files\Java\jdk1.8.0_202
\jre\lib\jsse.jar;C:\Program Files\Java\jdk1.8.0_202\
jre\lib\management-agent.jar;C:\Program Files\Java\
jdk1.8.0_202\jre\lib\plugin.jar;C:\Program Files\Java\
\jdk1.8.0_202\jre\lib\resources.jar;C:\Program Files\
Java\jdk1.8.0_202\jre\lib\rt.jar;C:\Users\malateef\
Desktop\CryptoFusion\out\production\CryptoFusion"
multipleAesRsa
- 2 Initializing system for encryption using 200 bits of
data using AES_256 and RSA_2048
- 3 Cipher at level 1 of AES encryption is /+
FZLjiSydiXOmLoaUHMAFvh0N7I5mdj/k0Q3qkc0+w=
- 4 Cipher at level 2 of AES encryption is
pTWwmv0o7v0ZUq1GyBdncoXYw/4GA+C/JaxcH4LPK+
V1itVu3WCWKH7371gnbNjC
- 5 Cipher at level 3 of AES encryption is

```

5 Jyg7Tz9oaseKoCqxTye9DHnigCk40VFXoHbzE4BN6t/
  nbEM7CvCwGE2CFS7MY7mMdYrVbt1glloe9+9YJ2zYwg==
6 Cipher at level 4 of AES encryption is iC0TkV38NarBc+
  S0Zrbc1Cr+Nj/
  g1E9eW8HRdbznm0geB88kzD2VQ1dMPPMNngm0w52xD0wrwsBhNghUu
  zG05jHWK1W7dYJYqHvfVWCds2MI=
7 Cipher at level 5 of AES encryption is 7oEB/JcgIDL+
  GWGwwnarcJjQ3K5VD10KAW1LUG9gH3CN5t08KNiSyfwJ/
  XQCFXTKHgfpJmW9LUNXTDzDZ4JtM0dsQzsK8LAYTYIVLsxjuYx1it
  Vu3WCWKH7371gnbNjC
8
9 Aes cipher encrypted by RSA is PNwEJN3yQ+Gs/
  6L3W7YtK9HqXSDJMrsxBnC8wyEdVNDQDIz+
  4i0v9LYP0PBRUQiYX6Zql6VaKqvKzrfghr+
  syYCLcsigmFRp01ci7WGgvacSWrk6Er5DWcfRN3Mcf2/
  I7GvZoAarKzKJj8mmwnfEwzsGnKL2J+
  bH5SkevkkyTX70tUfKebmTus2LU8gW+x9LW7n0pMaa+
  5xWHc9dCUKpvSmcjUofVFhTYKurxySVHec5dsf7v4kXmL2dNRkNCp
  vQAL+C9gmcfc2t2Qg5jHDzwGg1ZX9+XvpWkLSLCWtkIhTo+
  fvV0MKr4GkA4AeRbgDoeJt44datJh0WcHo06Nf7tng==
10
11 Aes cipher decrypted by RSA is 7oEB/JcgIDL+
  GWGwwnarcJjQ3K5VD10KAW1LUG9gH3CN5t08KNiSyfwJ/
  XQCFXTKHgfpJmW9LUNXTDzDZ4JtM0dsQzsK8LAYTYIVLsxjuYx1it
  Vu3WCWKH7371gnbNjC
12
13 message at level 1 of AES dncryption is iC0TkV38NarBc
  +S0Zrbc1Cr+Nj/
  g1E9eW8HRdbznm0geB88kzD2VQ1dMPPMNngm0w52xD0wrwsBhNghUu
  zG05jHWK1W7dYJYqHvfVWCds2MI=
14 message at level 2 of AES dncryption is
  Jyg7Tz9oaseKoCqxTye9DHnigCk40VFXoHbzE4BN6t/
  nbEM7CvCwGE2CFS7MY7mMdYrVbt1glloe9+9YJ2zYwg==
15 message at level 3 of AES dncryption is
  pTWwmv0o7v0ZUq1GyBdncoXYw/4GA+C/JaxcH4LPK+
  V1itVu3WCWKH7371gnbNjC
16 message at level 4 of AES dncryption is /+
  FZLjiSydiX0mLoaUHMAFvh0N7I5mdj/k0Q3qkc0+w=
17 message at level 5 of AES dncryption is
  SGVsbG8sIEh5YnJpZCBFbmNyeXB0aW9uIQ==
18

```

```
19 Finally the Original Text: Hello, Hybrid Encryption!  
20  
21 Final Decrypted Text: Hello, Hybrid Encryption!  
22 -> Execution time is 2373 milliseconds or 2.373  
    seconds  
23  
24 Process finished with exit code 0  
25
```