```
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=10137: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 304 bits of
  data using AES_256 and RSA_2048
3 Cipher at level 1 of AES encryption is
  94urF0QKNyYC9FA0YIvCKaJp6ZY51jtUCx623TgvOlX/
  T94CgLl3a3Wf1PUYP0Tq
4 Cipher at level 2 of AES encryption is
  nvTIWTbCjagcG5qT+7TlNvRQBG+/
  sZQSCBg63sobd4I6oiU7wwosUNUdqfw+
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```
 4  al91NNlHIiJ87ATovfjvcIHr5g==
 5  Cipher at level 3 of AES encryption is
    8zNkhJQYjzuh2eR1RScxqVCSaIKLhgBL1hrDXh1p1T/
    tEsAqHvrHgkswfdDwtL9z7Cbv0iiqgvsYHChbRdGl7jTZRyIifOwE
    6L3473CB6+Y=
 6  Cipher at level 4 of AES encryption is
    R2DpNNztl23BL0HZUl5dC0UDyMZf3aT5uhI0Kk+0qg11bh1xi/
    bQL2fn4MubbVBe/ObA/fFA+K/
    ND2Z6Yi9XLOwm79IoqoL7GBwoW0XRpe402UciInzsBOi9+O9wgevm
 7  Cipher at level 5 of AES encryption is +
    6eO3tTPv743ciLJLVNWCEMzdIvbGZYFlB/dDfW+mYo+OTq4NKI+
    sSrO+
    8xAt26TumIHUXxLNorD5DRnHAcAbfzmwP3xQPivzQ9memIvVyzsJu
    /SKKqC+xgcKFtF0aXuNNlHIiJ87ATovfjvcIHr5g==
 8
 9  Aes cipher encrypted by RSA is
    INPEnW0IvPFnmW58OcswAevX577fO8uX7EuoTYb2QbBWtCwWahiu4
    1oeo6OtkW9rS5tSU5bTsF/PIEdhocSr+ahQot8aT3Lob/
    ymKYzPqODhOGNCddU9rDR2FwYOVx3MNREI+kngyjF+
    WSmgTtCqMjpoXdeDjxHfVexnAsYmDx/
    JRtEQXt23SfJcrerhFZlkEAJ+
    m1Qn103GBbtp45XzgZl71IuzQdLlF3bDuXW/
    sIb3mZyNo9N8XdEl1Y93kY0HDlFWnNLIjFgZDuV7epcmjpxPrpUD7
    EQXl0br1Vx17Pzde4qCSGQhXfwC6rpKz7AR95sdxFgSqaScTxgufm
    7Aog==
10
11  Aes cipher decrypted by RSA is +
    6eO3tTPv743ciLJLVNWCEMzdIvbGZYFlB/dDfW+mYo+OTq4NKI+
    sSrO+
    8xAt26TumIHUXxLNorD5DRnHAcAbfzmwP3xQPivzQ9memIvVyzsJu
    /SKKqC+xgcKFtF0aXuNNlHIiJ87ATovfjvcIHr5g==
12
13  message at level 1 of AES dncryption is
    R2DpNNztl23BL0HZUl5dC0UDyMZf3aT5uhI0Kk+0qg11bh1xi/
    bQL2fn4MubbVBe/ObA/fFA+K/
    ND2Z6Yi9XLOwm79IoqoL7GBwoW0XRpe402UciInzsBOi9+O9wgevm
14  message at level 2 of AES dncryption is
    8zNkhJQYjzuh2eR1RScxqVCSaIKLhgBL1hrDXh1p1T/
    tEsAqHvrHgkswfdDwtL9z7Cbv0iiqgvsYHChbRdGl7jTZRyIifOwE
    6L3473CB6+Y=
15  message at level 3 of AES dncryption is
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15 nvTIWTbCjagcG5qT+7TlNvRQBG+/
   sZQSCBg63sobd4I6oiU7wwosUNUdqfw+
   al91NNlHIiJ87ATovfjvcIHr5g==
16 message at level 4 of AES dncryption is
   94urF0QKNyYC9FA0YIvCKaJp6ZY51jtUCx623TgvOlX/
   T94CgLl3a3Wf1PUYP0Tq
17 message at level 5 of AES dncryption is
   SGVsbG8hISEgaXRzIFRoZSBIeWJyaWQgRW5jcnlwdGlvbiAhISE=
18
19 Finally the Original Text: Hello!!! its The Hybrid
   Encryption !!!
20
21 Final Decrypted Text: Hello!!! its The Hybrid
   Encryption !!!
22 -> Execution time is 2365 milliseconds or 2.365
   seconds
23
24 Process finished with exit code 0
25
```