```
1 "C:\Program Files\Java\jdk-12.0.2\bin\java
   .exe" "-javaagent:C:\Program Files\
   JetBrains\IntelliJ IDEA Community Edition
   2020.1.4\lib\idea_rt.jar=55196:C:\Program
   Files\JetBrains\IntelliJ IDEA Community
   Edition 2020.1.4\bin" -Dfile.encoding=UTF-
   8 -classpath C:\Users\reet\Desktop\ACDLab\
   out\production\ACDLab DFA2
2 Enter input string consisting of a's and b
   's
3 abaaabbabaaababa
4 State 0----a---->State 1----b---->State 0
   ----a---->State 1----a---->State 2----a
   ---->State 2----b---->State 3----b---->
   Dead State----a---->Dead State----b---->
   Dead State----a---->Dead State----a---->
   Dead State----a---->Dead State----b---->
   Dead State----a---->Dead State----b---->
   Dead State----a---->String Rejected!
5 Process finished with exit code 0
6
```