Aim: To perform the program to generate logs on Eclipse Console using Log4j.

## CODE:

```
name=PropertiesConfig
property.filename=logs
appenders = console,file
appender.console.type = Console
appender.console.name = STDOUT
appender.console.layout.type = PatternLayout
appender.console.layout.pattern=[%-5level] %d{yyyy-MM-dd HH:mm:ss.SSS} [%t] %c{1}
- %msg%n
appender.file.type = File
appender.file.name = LOGFILE
appender.file.fileName=${filename}/Mylogs.log
appender.file.layout.type=PatternLayout
appender.file.layout.pattern=[%-5level] %d{yyyy-MM-dd HH:mm:ss.SSS} [%t] %c{1} -
%msg%n
loggers=file
logger.file.name=restAssurescripts
logger.file.level = debug
logger.file.appenderRefs = file
logger.file.appenderRef.file.ref = LOGFILE
rootLogger.level = debug
rootLogger.appenderRefs = stdout
rootLogger.appenderRef.stdout.ref = STDOUT
```

## **OUTPUTS:**

```
eclipse-workspace - ATE-phase3-RestAssured/src/main/resource/log4i2.properties - Eclipse IDE
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 Q B S O X B S B There is no active editor that provides an outline.
 B Package Explorer X

3 ATE-phase3-RestAssured

5 src/main/java

5 src/main/jesource

5 off/2/properties

3 M. IRE System Library (Java55-1.7)
                                                                                                   log42 properties X

1 name=Properties Config

2 property, filename=logs
3 appenders = console, file
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Sappender.console.type = Console
Gappender.console.anae = STDOUT
Appender.console.layout.type = PatternLayout
Sappender.console.layout.pattern=[%-Slevel] %d(yyyy-MM-dd HH:mm:ss.SSS) [%t] %c(1) - %msg%n
               Maven Dependencies

→ Sologs

Mylogs.log

Myl
                                                                                                                                                                                                                                                           in Mylogslog

resources
in data jon
in data jon
in data jon
to src
target

test-output
pom.xml
JAIVA-Programs
JAIVA-Programs
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J
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17 logger.file.name-restAssurescripts
18 logger.file.level = debug
19 logger.file.appenderMefs = file
20 logger.file.appenderMef.file.ref = LOGFILE
21
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22 rootLogger.level = debug
23 rootLogger.appenderRefs = stdout
24 rootLogger.appenderRef.stdout.ref = STDOUT
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                                                                                                                                                                                                                                                                  "id": 10007,
"category": {
"id": A
 eclipse-workspace - ATE-phase3-RestAssured/src/main/resource/log4i2.properties - Eclipse IDE
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  File Edit Navigate Search Project Run Window Help
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 ■ Slog4j2properties ×

I name=PropertiesConfig
2 property.filename=logs
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                                                                                                                                                                                                                                                     Problems # Javadoc ® Declaration □ Console × ¶ Results of running class Assignment002

- terminated- Assignment002 [TestNO] CtUserstviar reddy, p2 pool/plugins/org.eclipse.just.openjdk.hotspot.jre.full.win32.x86_64_17.0.8v20220831-1047.jre/bin/javaw.exe (10-Nov-2023, 615-x3-Access-Control-Allow-Headers, Content-Type, api_key, Authorization

Server: Jetty(9.2.9.v28159224)
      "id": 10007,
"category": {
    "id": 0,
    "name": "string"
                                                                                                                                                                                                                                                                      },
"name": "DOG",
"photoUrls": [
"string"
                                                                                                                                                                                                                                                                    ],
"tags": [
                                                                                                                                                                                                                                                                               "id": 0,
"name": "string"
         Selenium

TestNG
                                                                                                                                                                                                                                                                    ],
"status": "available_QA"
                                                                                                                                                                                                                                                       PASSED: courseEndProject.Assignment002.assignment002Post
PASSED: courseEndProject.Assignment002.assignment002Put
                                                                                                                                                                                                                                                                   Default test
Tests run: 2, Failures: 0, Skips: 0
                                                                                                                                                                                                                                                      Default suite Total tests run: 2, Passes: 2, Failures: 0, Skips: 0
- 0
                                                      [ERROR] 2023-11-10 10:59:42.810 [main] Log4j - Test is falling as there is an error in URL 2[INFO] 2023-11-10 10:59:42.815 [main] Log4j - this is information message 3[ERROR] 2023-11-10 10:59:42.816 [main] Log4j - this is an error message 4 [FATAL] 2023-11-10 10:59:42.816 [main] Log4j - this is a fatal message 5 [WARN] 2023-11-10 10:59:42.817 [main] Log4j - this is a warning message
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ŗ
```