<u> How To Use & Read Properties Files in Selenium</u>

```
Read A Property File in Java

1. Why do we need to read a property file?
2. what is property file? .properties
3. how to do?

1. Properties files are mainly used in Java programs to maintain project configuration data, database config, or project settings, etc. Each parameter in properties file is stored as a pair of strings, in key-value pair format, where each key is on one line. You can easily read properties from some file using an object of type Properties.

In Selenium, .properties files are mainly used to store GUI locators/elements, and also Global fields like URL, username, password, file path, database configuration details, etc
```

Property file eke extension eka - .properties

.properties file eke data read kaala api test data widiyata ganawa.

Meka karanan mekama oneda? .txt jason data walin puluwan . but meka se karanawa configuration details teya ganna use karanwa.

Meka use karanwa URL, username , passwors file path database configuration details teya ganna.

Test code eke hard code karanne natuwa mekan store karala ganan puluwan.meka wasiya thamai code base eka non technical kenekta dunnoth browser eke hardcode karala dunnath amarui neh. Me file eke dammoth eyata keyana puluwan neh ethana wetahrak change karanan keyala.

Me file eke data stire karanne key value pair ekan

Key = value

Ethkota test layer eke pass karanan ona key eka neh

Ona thana me file eka hadanna puluwan .but standard eka

Test - java - resources - file ekak hadnana - config.properties

Meka normal notepad file eka nawe properties file ekak.

Commnet karanne -#

```
App_url = https://demo.guru99.com/test/newtours/index.php

App_url = https://demo.guru99.com/test/newtours/index.php

App_url = https://demo.guru99.com/test/newtours/index.php

#@Automating Browser

browser = chrome

browser = chrome

#Implicit wait

#Implicit wait

implicit_wait = 10

#Implicit_wait =
```

Dan base class eke

Config.properties file ekan data read karana code eka liyanna excel file ekan data read karanna api use kare - FileInputStream

File **identify** karanna onanam - *File*

File eka data read karanna onanam - FileInputStream

File ekata data input karanan onanam - FileOutputStream

FileInputStream object eka hadanna .meka athulata pass karanan ona api capture karana file eka. Path eka dammaoth meka kata hari share karana path eka waradinawa neh . eka nisa root folder eke edala danna.

Root folder eka identity karanna puluwan - ("user.dir" + "src\\test\\resources\\config.properies") danna

Eke error ekak enawa . exception handel karanna.

Ethakota method ekata throw karanwa openpage() throw fileNotFoundException.mekan wanan file eka hoya ganan bari unoth meka throw karanna.

```
3
                                        import ...
                                14
   java
                                        1 inheritor
   v 🖿 base
                                15 • public class BaseClass {
    functions
       NewtoursCommonFunctions
    pages 🗀
                                            10 usages
       HomePageUpdated
                                17
                                            public WebDriver driver;
       RegisterPageUpdated
                                18
       RegisterSuccessPageUpdated
                                19
                                            @BeforeMethod
∨ III test
                                28
                                            public void openPage() throws FileNotFoundException {
  ∨ III iava

∨ I testCases

                                                FileInputStream fileInputStream = new FileInputStream( name: System.getProperty("user.dir") +
       "src\\test\\resources\\config.properties");
```

Dan apu file loaction eka gaththa neh .

Dan properties file ekan neh data read karanna ekata apita properties keyala class ekak teyenawa java wala (java util eke) ekan object ekak hadanna

Eke load keyala method ekak teyenwa .

Mama load karanan keyanwa file location eka .

Api capture karapu file eka apit fileinputstream eka store kara, eka pass karanna

Ekath throw exception eka throw karanan - override una ioexecotion ekan

```
⊕ 🗵 🛨 🗢 💿 BaseClass.java × 📳 config.properties
PageObjectModel_Learning_YouTube_D:\PageObjectM
> IIII .idea
                                       3
                                              import ...
                                      15
      ∨ 🛅 base
          BaseClass
                                     16
                                             public class BaseClass {
       [3] functions
                                     17
                                                   10 usages
           HomePageUpdated
                                                  public WebDriver driver;
           RegisterPageUpdated
                                     19

    RegisterSuccessPageUpdated

                                     28
                                                   @BeforeMethod
                                                   public void openPage() throws IOException {
      ∨ 🗀 testCases
                                                        FileInputStream fileInputStream = new FileInputStream( name: System.getProperty("user.dir") +
          TC001_RegisterUserTestUpdated
                                                                                                       "src\\test\\resources\\config.properties");
        config.properties
                                      25
                                                        Properties prop = new Properties();
                                                        prop.load(fileInputStream);
> iii test-output
```

Api dan properties file eka load karala ewarai. Dan teyanne file eka read karanna

Ekata prop keyana eka use karala getpropey method eka use karala key eka pass karanan teyanne.

get priory eka keyana eka return karanne string . dan apita panne nati unata prop.getproperty eka store wela teyanna string value ekak. Api eka string ekaka store karanna.

String browser = prop.getproperty("browser")

```
| Septiment | Sep
```

Base class ekata wetharak name me file eka use karanna puluwan.

Api hama tc ekama me baseclass eka extend karala teya gananwa neh . eka nisa me file eke teyanan hama detail ekakma enawa tc class(child) ekata.

Ekata api base class ekata gehen me prop keyana eka class level teya gannawa.public danan ona thanak da ganan .

```
② ③ → □ © BaseClass.java × © TC001_RegisterUserTestUpdated.java × 👸 config.prop
                                              import ...
        ∨ 🗀 base
                                      16 el
                                              public class BaseClass {
            RaseClass
            NewtoursCommonFunctions
                                                   10 usages
        v 🛅 pages
                                      18
                                                   public WebDriver driver;
            HomePageUpdated
                                      19
            RegisterSuccessPageUpdated
                                              public Properties prop;
                                      20
    ∨ 🔤 java
                                                   @BeforeMethod
          TC001 RegisterUserTestUpdated
                                                   public void openPage() throws IOException {
          config.properties
                                                        FileInputStream fileInputStream = new FileInputStream( name: System.getProperty("user.dir") +
    test-output
                                      26
                                                                                                      "src\\test\\resources\\config.properties");
 ∨ III xmlPlan
      QA_Reg_ModuleA_Plan1.xml
                                                       prop = new Properties():
   ili .gitignore
m pom.xml
                                      28
                                                       prop.load(fileInputStream);
> Illi External Libraries
 Scratches and Consoles
                                      30
                                                       String browser = prop.getProperty("browser");
                                                        switch (browser.toLowerCase()){
                                                            case "chrome" :
                                                                driver = new ChromeDriver(); break;
                                                            case "edge":
                                                               driver = new EdgeDriver(); break;
```

Public properties prop; meka null teyanne @BeforeMetthod eka call unata passe mekata power ekak enawa. New properties keyana object haduwata pass power ekak enawa.

Ethkoata me power eka himi una Public properties prop; ona thanaka use karanna puluwan.

read karanne kohomada -

```
String browser = prop.getProperty("browser");
```

Adala key eka danna.eka string ekak store karanna. Anewaranma string eke thamai store karanna wanne . mokada getproperty return karanne string

Dan URI eka gamu

```
switch (browser.toLowerCase()){
            HomePageUpdated
            RegisterPageUpdated
                                                            case "chrome" :
            RegisterSuccessPageUpdated
                                      34
                                                                driver = new ChromeDriver(); break;
       resources
                                                            case "edge":
   ∨ 🗎 test
     ∨ 🔤 java
                                      36
                                                                driver = new EdgeDriver(); break;
       ∨ 🖿 testCases
                                                            case "firefox" :
          TC001_RegisterUserTestUpdated
                                      38
                                                                driver = new FirefoxDriver(); break;
      resources
          a config.properties
  > iii target
                                                                System.out.println("Browser not supported : " + browser);
   test-output
                                      41
                                                                //throw new IllegalArgumentException("Wrong Browser: " + browser); or return you c
 ∨ III xmlPlans
      QA_Reg_ModuleA_Plan1.xml
                                      42
    ill ,gitignon
                                      43
   m pomxml
> III External Libraries
 Scratches and Consoles
                                      45
                                                       driver.manage().window().maximize();
                                                       driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(10));
                                      46
                                      47
                                                       driver.get(prop.getProperty("App_url"));
```

Getpropery accept karanne string

Ofsecond accept karanen long

Meka convert karala danna ona

prop.getPropery ("Implicit wait") meka assing karanawa string implicitwait keyala variable ekakata.meka dan long variable ekak karanna ona.

Eka long imp wait log keyala variable ekakata da ganna ona

Eka covert karanne

Long.parseLong(iml_wait) - Long keyala warapping class ekak teyanwa. Eka teyanwa parselong keyala method ekak. Eka dala ekata long variable ekak pass karanwa . eka eya long ekak widiyata covert karala danwa .

Eka pass karanwa ofsecond(imp_wait_long) keyana thanata

```
griver = new unromeuriver(); preak;
       resources
                                                          case "edge":
                                                              driver = new EdgeDriver(); break;
       ∨ Di testCases
                                                          case "firefox" :
         TC001_RegisterUserTestUpdated
                                     38
                                                              driver = new FirefoxDriver(); break;
          a config.properties
 > im target
                                     40
                                                              System.out.println("Browser not supported : " + browser);
   test-output
                                                               //throw new IllegalArgumentException("Wrong Browser : " + browser); or
                                     41
     A QA_Reg_ModuleA_Plan1.xml
                                                               return:
   6. gitignore
                                     43
    m pom.xml
                                     44
> In External Libraries
 Scratches and Consoles
                                                      driver.manage().window().maximize();
                                                      String iml_wait = prop.getProperty("implicit_wait");
                                     47
                                                      long imp_wait_long = Long.parseLong(iml_wait);
                                     48
                                                      driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(imp_wait_long));
                                     49
                                                      driver.get(prop.getProperty("App_url"));
                                                 public void closeBrowser(){
                                                     driver.quit();
```

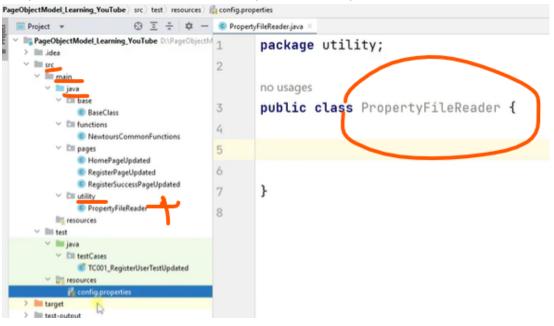
Me karapu teka 1 line karanna puluwan

Mulu project ekatama eka property file ekak athida?

Na testcase level ewa wenama danna ona

Ekata api SRC - MAIN-JAVA eke utilites keyala folder ekak hadanawa.

Eka java class ekak hadanawa .propertyfileReader keyala.



Me class eka athule method liyanwa . e method eka haraha apita puluwan resource folder eka yatathe apita ona tharam resource folders hada ganna.property file 50 tebunath adala file ekan adala value eka read karanna puluwan widiyata hada ganan puluwan.

Testcase wala hard code karanna natuwa property file ek teya ganan puluwan.

Hard code data teya ganan puluwan ekama widiya nawe property file keyanan . excel walath teya ganan puluwan.enum class eka teya gannath puluwan

propertyFileReader eke method ekak hadanawa. Eke fileinputStream eka danwa . ethaklta error ekek denawa . eka suggest karana throw eka danan epa . ethkota eya call wena hama thama throw karanna wenawa. Eka nisa more options gehen try catch ekak danna.

File eka digai wagenam eka file class ekan object ekak hadala eka danna.

```
no usages

public void getData(String fileName){

File file = new File( pathname: System.getProperty("user.dir") + "\\src\\test\\resources\\config.properties");

try {

FileInputStream fileInputStream = new FileInputStream(file);
} catch (FileNotFoundException e) {

throw new RuntimeException(e);
}

}
```

Mama me karanan hadanna kochcahara property file tebunath me adala eka wetharak read karana widiyata hadala denna

Meka path eke config.property danna natuwa - filename.properties danna ona

```
import java.io.File;
                                           import java.io.FileInputStream;
      BaseClass
                                   5
                                           import java.io.FileNotFoundException;

✓ ☐ functions

         NewtoursCommonFunction
    v 🛅 pages
                                           no usages
        HomePageUpdated

    RegisterPageUpdated

                                           public class PropertyFileReader {

    RegisterSuccessPageUpdated

                                   8
    utility
PropertyFileReader
                                                no usages
    resources
                                   9
                                                public void getData(String fileName){
                                  10
    ∨ 🖿 testCases
                                                     File file = new File(pathname: System.getProperty("user.dir") + "\\src\\test\\resource\\bonfil.properties");
        ₡ TC001_RegisterUserTestUpdated

√ im resources

      config.properties
                                                     try {
test-output
                                                          FileInputStream fileInputStream = new FileInputStream(file);
m xmlPlant
   A QA_Reg_ModuleA_Plan1.xml
                                  15
                                                     } catch (FileNotFoundException e) {
& .gitignore
                                                          throw new RuntimeException(e);
Scratches and Consoles
                                  20
```

meka string ekak nisa "+filename+" dannna

```
import java.io.File;
    ∨ i java
     ∨ Di base
                                             import java.io.FileInputStream;
          © BaseClass
                                            import java.io.FileNotFoundException;
      functions
          NewtoursCommonFunctions
      v 🛅 pages
          HomePageUpdated
         © RegisterPageUpdated
© RegisterSuccessPageUpdated
                                             public class PropertyFileReader {
                                     8
      ∨ 🗀 utility
                                                 no usages
     in resources
                                                 public void getData(String fileName){

✓ Image java
✓ Image testCases

                                    10
                                                      File file = new File(phhame: System.getProperty("user.dir") + "\\src\\test\\resources\\"+ fileName + ".properties");
         TC001_RegisterUserTestUpdated
       a config.properties
                                                      try {
                                                           FileInputStream fileInputStream = new FileInputStream(file);
                                    14
 m xmlPlans
    QA_Reg_ModuleA_Plan1.xml
                                    15
                                                       } catch (FileNotFoundException e) {
  傷 .gitignore
                                                           throw new RuntimeE ception(e);
                                    16
  m pomxml
                                    17
Scratches and Consoles
                                    18
                                    19
                                    20
```

.properties keyana eka teya gananwa . nathta ara uda file name keyana thana .properties keyala danan wenawa neh .

Dan fileinputstream eata dala file eka pass karanawa .

```
java

V 🛅 base
                                               import java.io.FileInputStream;
           BaseClass
                                   5
                                              import java.io.FileNotFoundException;

    NewtoursCommonFunctions

                                       6

    pages
    HomePageUpdated
    RegisterPageUpdated

                                               no usages
                                               public class PropertyFileReader {

    RegisterSuccessPageUpdated
    utility

                                       8
          PropertyFileReader
                                       9
                                                    public void getData(String fileName){
                                      10

∨ I testCases

           TC001_RegisterUserTestUpdated
                                                         File file = new File( pathname: System.getProperty("user.dir") + "\\src\\test\\resources\\"+ fileName + ".properties");
        a config.properties
> lim target
> lim test-output
                                                         try {
                                                               FileInputStream fileInputStream = new FileInputStream(file);
∨ III xmlPlans
    A QA_Reg_ModuleA_Plan1.xml
                                     15
                                                          } catch (FileNotFoundException e) {
  6. gitignore
                                     16
                                                              throw new RuntimeException(e);
External Libraries
Scratches and Consoles
                                      18
                                                    }
                                      19
```

Eta passe api property file eka hadanna ona

Ekata properties walin object ekak hada ganna .dan load keyana eka call karanna.

```
import java.io.FileInputStream;
                                                                                                                                                                          import java.io.FileNotFoundException;
                                                                                                                                                                         import java.util.Properties;
                                       functions

NewtoursCommonFunctions
                                                                                                                                                                        public class PropertyFileReader {
                                                                                                                                        9
              in test

*** image:

*** image
                                                                                                                                        10
                                                                                                                                                                                          public void getData(String fileName){
                                                                                                                                                                                                               File file = new File( pathname: System.getProperty("user.dir") + "\\src\\test\\resources\\"+ fileName + ".properties");
                                                                                                                                                                                                                                  FileInputStream fileInputStream = new FileInputStream(file);
                                                                                                                                                                                                               } catch (FileNotFoundException e) {
throw new RuntimeException(e);
                                                                                                                                       19
                                                                                                                                                                                                              Properties prop = new Properties();
                                                                                                                                                                                                              prop.load(fileInputStream);
                                                                                                                                                                          }
```

file inputstream eka error ekak enawa. Mokada ela teyanne try{} athule neh Eka nisa file inputstreme eka eliyata gananwa .

Mulin eka null eke teyanne . try eka athulata awama thamai meaningful wanne.

```
import java.io.FileNotFoundException;
                                            import java.util.Properties;
      [ functions
         NewtoursCommonFunctions
                                    7
     ∨ 🛅 pages
                                            no usages
         HomePageUpdated
         © RegisterPageUpdated
© RegisterSuccessPageUpdated
                                    8
                                            public class PropertyFileReader {
                                    9

∨ Di utility

         © PropertyFileReader
                                                no usages
     in resources
                                   10
                                                 public void getData(String fileName){
  ✓ Im java
✓ Im testCases
                                                      File file = new File( pathname: System.getProperty("user.dir") + "\\src\\test\\resources\\"+ fileName + ".properties");
         TC001_RegisterUserTestUpdated
       a config.properties
                                   14
                                                      FileInputStream fileInputStream = null;
                                   15
m xmlPlans
   A QA_Reg_ModuleA_Plan1.xml
                                   16
 6 gitignore
                                                          fileInputStream = new FileInputStream(file);
m pom.xml
External Libraries
                                   18
                                                      } catch (FileNotFoundException e) {
Scratches and Consoles
                                   19
                                                           throw new RuntimeException(e);
                                   20
                                                      Properties prop = new Properties();
                                                      prop.load(fileInputStream);
```

Eta passe load ekata error ekak enawa . ethana throw danan epa . method eka call karana hama thama danna wenawa . Ekath try catch ekan danna .

```
9
                                                                                                     public class PropertyFileReader {
                                                                                 10
                        BaseClass

    Implementations
    NewtoursCommonFunctions

                                                                                                                no usages

    □ Pages
    □ HomePageUpdated
    □ RegisterPageUpdated
    □ RegisterSuccessPageUpdated

                                                                                                                public void getData(String fileName){
                                                                                                                           File file = new File( pathname: System.getProperty("user.dir") + "\\src\\test\\resources\\"+ fileName + ".prope
© Registersuccessrageupu

∨ □ utility
© PropertyFileReader
                                                                               15
                                                                                                                           FileInputStream fileInputStream = null;
              in resource
                                                                                 16
                                                                                                                                       fileInputStream = new FileInputStream(file);
> Tesources
                                                                                 19
                                                                                                                           } catch (FileNotFoundException e) {
                                                                                                                                      e.printStackTrace();
                                                                                                                           Properties prop = new Properties();
External Libraries
Scratches and Consoles
                                                                                 24
                                                                                                                           try {
                                                                                 25
                                                                                                                                      prop.load(fileInputStream);
                                                                                                                            } catch (IOException e) {
                                                                                                                                      throw new RuntimeException(e);
                                                                                 28
                                                                                                    }
                                                                                                        9
                                                                                                                            public class PropertyFileReader {
                               ∨ 🗎 base
                                                                                                      10
                                         BaseClass
                                                                                                                                       no usages
                                                                                                                                       public void getData(String fileName){

∨ Dia pages

© HomePageUpdated

Undated

Output

Description

Output

Description

Output

Description

Description

Output

Description

Descr
                                       © RegisterPageUpdated
© RegisterSuccessPageUpdated
                                                                                                                                                   File file = new File( pathname: System.getProperty("user.dir") + "\\src\\test\\resources\\"+ fileName + ".properties");
                        © PropertyFileReader 15
                                                                                                                                                   FileInputStream fileInputStream = null;
                     ✓ Im test
✓ Im java
✓ Im testCases
                                                                                                                                                   try {
                                        TC001_RegisterUserTestUpdated
                                                                                                                                                               fileInputStream = new FileInputStream(file);
                                                                                                      19
                                                                                                                                                   } catch (FileNotFoundException e) {
                     target test-output
                                                                                                                                                               throw new RuntimeException(e);
                    m xmlPlan
                                                                                                      21
                           A_Reg_ModuleA_Plan1.xml
                                                                                                      23
                                                                                                                                                   Properties prop = new Properties();
                 External Libraries
                Scratches and Consoles
                                                                                                      24
                                                                                                                                                   try {
                                                                                                      25
                                                                                                                                                              prop.load(fileInputStream);
                                                                                                      26
                                                                                                                                                    } catch (IOException e) {
                                                                                                                                                                throw new RuntimeException(e);
```

meka danne natuwa below danna. Ekan execution eka stop wanne na. Log ekak wadinawa error ekata reason eka dila error eka awama

```
| Standard | Standard
```

Ekan debug kara ganan puluwan. Maka hari widiya nawe . eka fail wanna teyanan ona.

Dan return karanan prop variable eka

Error ekak enawa void ainkarala properties keyala danna keyanawa

```
no usages
  ∨ III main
                                     9
                                             public class PropertyFileReader {
    ∨ iava
                                    10
          RaseClass
                                                  no usages
       functions 🗀
          NewtoursCommonFunctions
                                                  public Properties getData(String fileName){
                                    11

✓ □ pages

⑥ HomePageUpdated

          RegisterPageUpdated
                                    13
                                                       File file = new File( pathname: System.getProperty("user.dir") + "\\src\\test\\resour
          RegisterSuccessPageUpdated
      © PropertyFileReader
                                    15
                                                       FileInputStream fileInputStream = null;
      resources
  ∨ IIII test
                                    16
    ∨ 🔤 java
                                    17
                                                       try {
      ∨ 🗀 testCases
          CTC001_RegisterUserTestUpdated
                                                           fileInputStream = new FileInputStream(file);
                                    18
                                                       } catch (FileNotFoundException e) {
> marget
  test-output
                                                           e.printStackTrace();
∨ I xmlPlans
    A QA_Reg_ModuleA_Plan1.xml
  🖔 .gitignore
  m pom.xml
                                                       Properties prop = new Properties();
External Libraries
Scratches and Consoles
                                    25
                                                           prop.load(fileInputStream);
                                                       } catch (IOException e) {
                                                           e.printStackTrace();
                                                      return prop;
                                             }
```

File name eka wetharak nawe apita adala key ekath ona neh .key eka pass karaoth ne value eka enne.

Method ekak hadanna key eka danna puluwan widiyata .

```
> iiii test-output
                                                           }
  × miPlans
                                           31
      A QA_Reg_ModuleA_Plan1.xml
    6 .gitignore
                                                          no usages
   m pomami
                                           32
                                                          public String getProperty(String fileName, String key){
> Illin External Libraries
  Scratches and Consoles
                                           33
                                                                return
                                           35
                                           36
                                                     }
```

Getdata keyann eka uda tebuna method ekak. Eka return type eka properties .eka nia eka teyana ona ekka ganan puluwan .

Return eke file name ekai key ekai danna ona

```
    RegisterPageUpdated
    RegisterSuccessPageUpdated

                                                            Properties prop = new Properties();
          © PropertyFileReader
                                                                 prop.load(fileInputStream);
                                        25
                                                            } catch (IOException e) {
      ∨ 🚞 java
                                                                 e.printStackTrace();
                                        29
                                                            return prop;
   target
   test-output
                                                      }
      - QA_Reg_ModuleA_Plan1.xml
    65 .gitignore
> III External Libraries

Scratches and Consoles
                                                       public String getProperty(String fileName, String key){
                                                            return getData(fileName).getProperty(key);
                                         34
                                         36
                                         38
```

Below method eka private keyala da gannawa. Mokada meka accessible wanna ona na. Mokada kata hari miss wela getData calla karana nawaththa. Me class eka athule wetharai . Yata eka wetharak athi . mokada eka okkoma teyenawa.

```
∨ III main
                                               import java.io.File;
    ∨ ijava
                                     4
                                               import java.io.FileInputStream;
      ∨ 🛅 base
          BaseClass
                                     5
                                               import java.io.FileNotFoundException;

✓ ☐ functions

    NewtoursCommonFunctions

                                     6
                                               import java.io.IOException;
      ✓ DII pages
                                               import java.util.Properties;
          HomePageUpdated
          RegisterPageUpdated
                                     8
          RegisterSuccessPageUpdated
                                               no usages

∨ □ utility

          PropertyFileReader
                                     9
                                               public class PropertyFileReader {
      resources
                                    10
  ∨ 🗎 test
    ∨ 🗎 java
                                                    1 usage

∨ I testCases

                                                    private Properties getData(String fileName){
          CTC001_RegisterUserTestUpdated
    > in resources
> iii target
                                                         File file = new File( pathname: System.getProperty("user.d:
> m test-output
                                    14
    GA_Reg_ModuleA_Plan1.xml
  6 gitignore
                                                         FileInputStream fileInputStream = null;
                                    15
  m pom.xml
External Libraries
Scratches and Consoles
                                    17
                                                         try {
                                    18
                                                              fileInputStream = new FileInputStream(file);
                                    19
                                                         } catch (FileNotFoundException e) {
                                                              e.printStackTrace();
                                                         Properties prop = new Properties();
                                                              prop.load(fileInputStream);
                                                         } catch (IOException e) {
                                                              e.printStackTrace();
```

Hithanan mata tc eke password eka property file ekan ganan ona.

Retorces wala testdata.properties keyala.

RegisterPageUpdated

Test method eka eliye call karala teyan pass karananth puluwan.

Object ekak haduwata eka athule teyena ewa enne na . ekata below wage string ekak dala ganan ona

```
RegisterSuccessPageUpdated
    utility

PropertyFileReader
                                 10 5
                                         public class TC001_RegisterUserTestUpdated extends BaseClass {
in test
      TC001_RegisterUserTestUpdated
                                              PropertyFileReader propertyFileReader = new PropertyFileReader();
     a config.properties
     fil testData.p
                                              String pass
                                                             propertyFileReader.
test-output
                                                                                   getProperty(String fileName, String key) Strir
                                 15
                                                                                                                                   String
                                                                                   m toString()
                                 16
 A QA Reg ModuleA Plan1.xml
                                                                                   equals(Object obj)
                                                                                                                                  boolear
 gitignore
                                17
                                                                                   hashCode()
                                                                                                                                      int
xternal Libraries
```

```
| Simple | S
```

Me widiyata test case walata adala ewa testdata.properies wala hadanna puluwa. Module wise obama danna pluluwan.