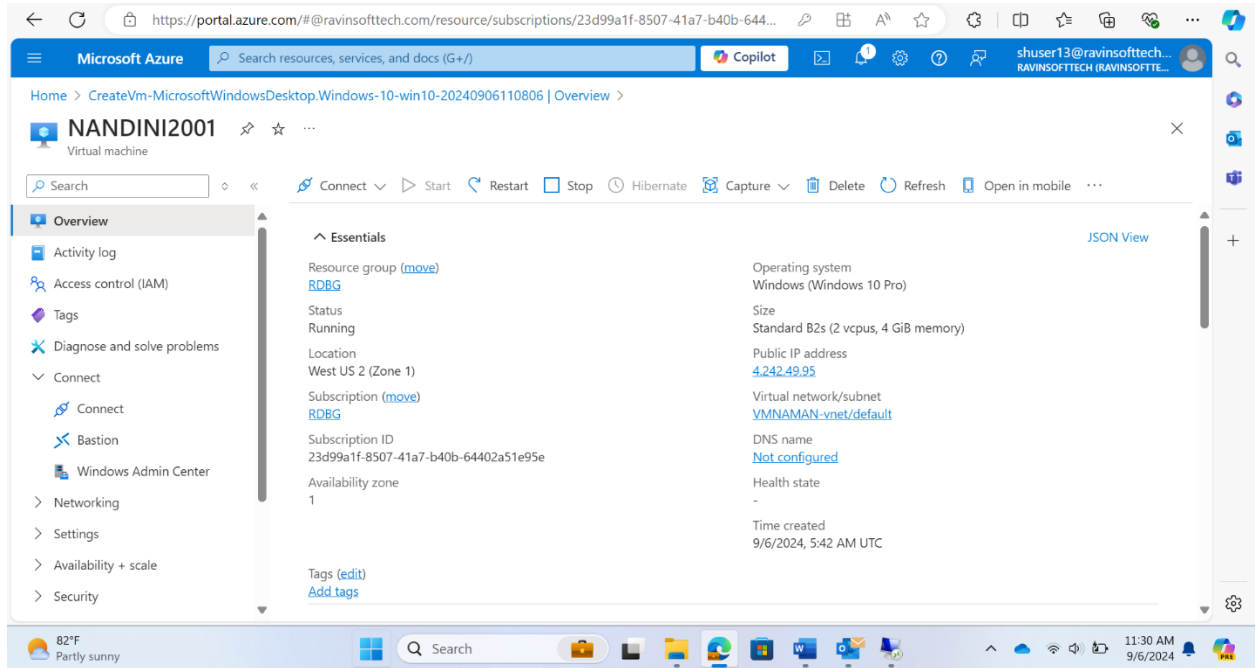
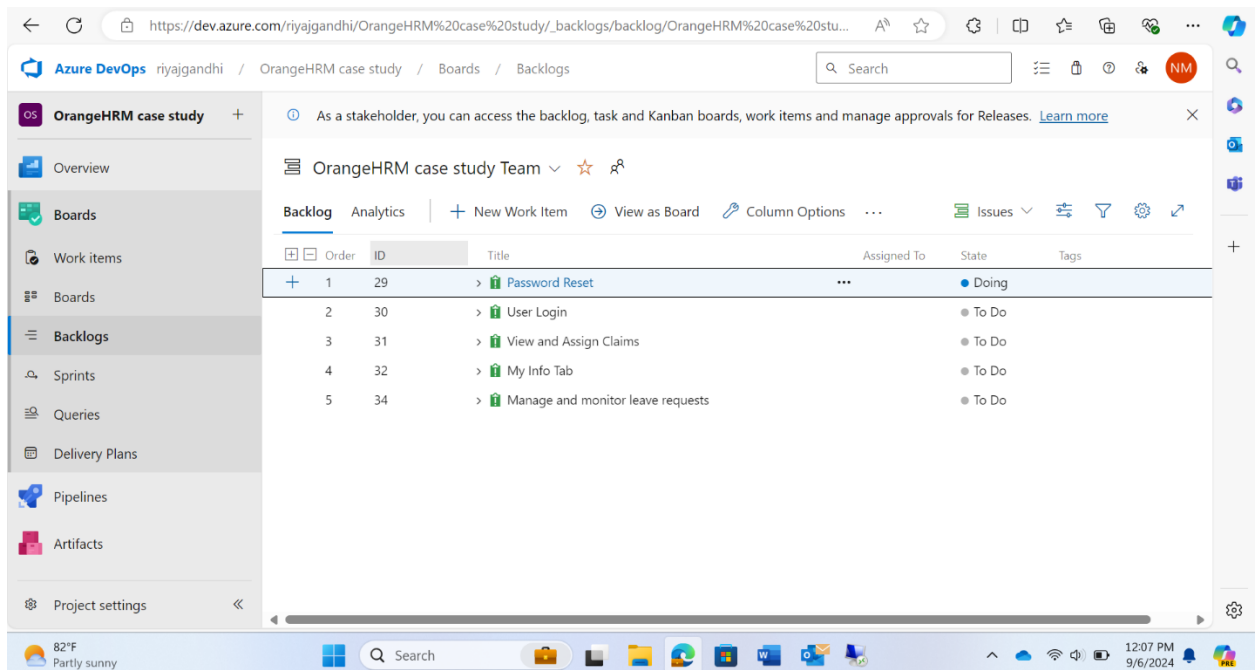


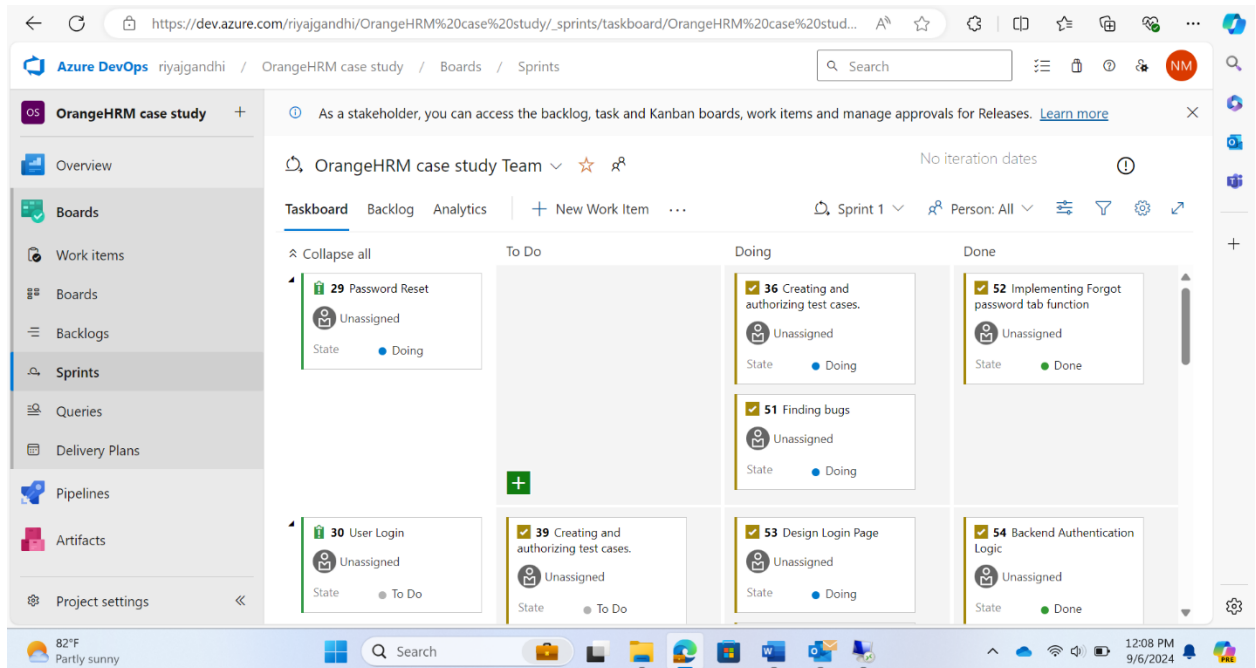
SHELL FOUNDATION- FINAL CASE STUDY

1. CREATION OF VIRTUAL MACHINE



2. USER STORIES





3. TEST CASES

Test#001: Scenario: Successful login with valid credentials

Given I am on the OrangeHRM login page

When I enter "Admin" as the username

And I enter "admin123" as the password

And I click on the "Login" button

Then I should be redirected to the OrangeHRM dashboard

And I should see the welcome message on the dashboard

Test#002: Scenario: Unsuccessful login with invalid password

Given I am on the OrangeHRM login page

When I enter "Admin" as the username

And I enter "wrong Password" as the password

And I click on the "Login" button

Then I should see an error message "Invalid credentials"

And I should remain on the login page

Test#003: Scenario: Unsuccessful login with empty username

Given I am on the OrangeHRM login page

When I leave the username field blank

And I enter "admin123" as the password

And I click on the "Login" button

Then I should see an error message "Username cannot be empty"

And I should remain on the login page

Test#004: Scenario: Unsuccessful login with empty password

Given I am on the OrangeHRM login page
When I enter "Admin" as the username
And I leave the password field blank
And I click on the "Login" button
Then I should see an error message "Password cannot be empty"
And I should remain on the login page

Test#005: Scenario: Clicking "Forgot Your Password" redirects to forgot password screen

Given I am on the OrangeHRM login page
When I click on the "Forgot your password?" link
Then I should be redirected to the OrangeHRM password reset page
And I should see a form to enter the username or email for password recovery

Test#006: Scenario: View all claims

Given I am logged into the system as an admin
When I navigate to the "Claims" section
And I click on "Employee Claims"
Then I should see a list of all claims

Test#007: Scenario: View claim details

Given I am logged into the system as an admin
And a list of claims is available
When I click on a specific employee claim
Then I should see the detailed information of the selected claim

Test#008: Scenario: Assign claim to an employee

Given I am logged into the system as an admin
And a list of unassigned claims is available
When I select an unassigned claim
And I click on "Assign Claim"
And I select an employee from the list
And I click "Assign"
Then the claim should be assigned to the selected employee
And the status should be updated accordingly

Test#009: Scenario: Filter claims by status

Given I am logged into the system as an admin
And a list of claims is available
When I select a status filter "Pending"
Then I should see only the claims with the status "Pending"

Test#010: Scenario: Search claims by employee name

Given I am logged into the system as an admin
And a list of claims is available
When I enter an employee name in the search bar
And I click on the search icon
Then I should see the claims related to the entered employee name

Test#011: Scenario: Search claims by reference ID

Given I am logged into the system as an admin
And a list of claims is available
When I enter a reference ID in the search bar
And I click on the search icon
Then I should see the claims related to the entered reference ID

Test#012: Scenario: Search claims by date range

Given I am logged into the system as an admin
And a list of claims is available
When I select the "From Date" and "To Date" fields
And I enter the desired date range
And I click on the search icon
Then I should see the claims within the specified date range

Test#013: Scenario: Search claims by event name

Given I am logged into the system as an admin
And a list of claims is available
When I enter an event name in the search bar
And I click on the search icon
Then I should see the claims related to the entered event name

Test#014: Scenario: HR Manager views a claim's detail

Given the HR Manager is logged into the system
And the HR Manager navigates to the claims section
When the HR Manager views the list of all pending claims
And the HR Manager selects a claim with an amount of 0 Rs
Then the system should display an error message indicating that the claim amount must be greater than 0 Rs
And the claim should be flagged for review or correction

Test#015: Scenario: Accessing the My Info tab

Given the user is logged in to the website
When the user navigates to the "My Info" tab
Then the dashboard should display personal details, contact details, emergency contact, jobs, salary, and other information related to the user in the form of a vertical dashboard

Test#016: Scenario: Viewing Personal Detail

Given the user is on the "My Info" tab on the website
When the user selects the "Personal Details" tab
Then the personal details form should display the user's current personal information as prefilled fields on the form

Test#017: Scenario: Updating Personal Details

Given the user is on the "Personal Details" form in the My Info section
When the user updates the personal information with previously filled data
And submits the form
Then the updated personal information should be saved successfully

And a confirmation message should be displayed
And the same should be reflected across the system

Test#018: Scenario: Viewing Contact Details

Given the user is on the "My Info" tab
When the user selects the "Contact Details" tab
Then the contact details form should display the user's current contact information

Test#019: Scenario: Updating Contact Details

Given the user is on the "Contact Details" form
When the user updates the contact information with valid data
And submits the form
Then the updated contact information should be saved successfully
And a confirmation message should be displayed

Test#020: Scenario: Filling the Contact Details form

Given the user is on the "Contact Details" tab
When the user fills the fields such as contact number
Then the form should accept 10 digit numeric value only

Test#021: Scenario: Filling the personal details form

Given the user is on the "Personal Details" tab
When the user fills the fields such as Name, Driver License, Employee ID etc
Then the form should accept valid input for each accordingly

Test#022: Scenario: Admin successfully applies for leave

Given the admin user navigates to leave section from the side-menu navbar
When the admin navigates to the 'Apply' tab
And selects a leave type, start date, end date and enters a reason
And clicks on the 'Apply' button
Then the leave request should be successfully recorded in the system
And the leave should appear under the 'My Leaves' tab

Test#023: Scenario: Admin views leave history with filtering options

Given the admin user navigates to leave section from the side-menu navbar
When the admin navigates to the 'My leaves' tab
And applies filters by date range, leave status, and leave type
Then the filtered leave history should be displayed correctly

Test#024: Scenario: Admin generates, and exports leave reports

Given the admin user navigates to leave section from the side-menu navbar
When the admin navigates to the 'Reports' tab
And generates a report based on leave type, leave status, department or employee
And exports the report as a PDF
Then the report should be generated correctly and available for download as a PDF

Test#025: Scenario: Admin views and filters leave reports

Given the admin user navigates to leave section from the side-menu navbar

When the admin navigates to the 'Leave list' tab
And sorts the leave requests by status, leave type, employee name or sub-unit
Then the leave requests should be displayed according to the selected filters and sorting options

Test#026: Scenario: Admin attempts to apply leave for past dates

Given the admin user navigates to leave section from the side-menu navbar
When the Admin navigates to the "Apply" tab
And selects a past date for leave
Then an error message should be displayed
And the leave request should not be submitted

Test#027: Scenario: Admin views pending leave requests

Given the admin user navigates to leave section from the side-menu navbar
When the Admin navigates to the "Leave List" tab
And filters by "Pending Approval" status
Then all pending leave requests should be displayed accurately

Test#028: Scenario: Successfully request a password reset link

Given the user is on the "forgot password page"
When the user enters a registered email address "[user@example.com](#)"
And user clicks the submit button
Then the system should send a password reset link to mail address and the system should display confirmation message password reset link sent

Test#030: Scenario: Request password reset with an unregistered email address

Given the user is on the "Forgot Password" page
When the user enters an unregistered email address "[unknown@example.com](#)"
And the user clicks the "Submit" button
Then the system should display an error message "Email address is not registered."

Test#031: Scenario: Successfully reset password using the reset link

Given the user has received a password reset link at "[user@example.com](#)"
And the user clicks the password reset link
When the user enters a new password "NewPassword123" and confirms it
And the user clicks the "Submit" button
Then the system should display a confirmation message "Your password has been successfully reset."
And the user should be able to log in with the new password

Test#032: Scenario: Reset password with mismatched confirmation

Given the user has received a password reset link at "[user@example.com](#)"
And the user clicks the password reset link
When the user enters a new password "NewPassword123" and confirms it with "DifferentPassword123"
And the user clicks the "Submit" button
Then the system should display an error message "Passwords do not match."

TestCase#033: Scenario: In Contact details, email should be verified

Given the user is on My Info Tab, in contact details,
When the user attempts to enter email,
Then the email address validity should be checked.

4. DEFECT REPORT

Case ID	Bug Title	Bug Description	Timestamp	Steps to Reproduce	Expected Results	Actual Results	Severity	Priority	Attachments
1. Log into the website. 2. Navigate to My Info -> Personal Details 3. In email, valid email field enter admin@demo.com	31. Verify email address	when a user in personal details tab, enters an email address, the field accepts any address with @.com, it does not verify the validity of the address	6/9/2024, 12:27	1. Log into the website. 2. Navigate to My Info -> Personal Details 3. In email, valid email field enter admin@demo.com	The email address should be verified.	The email address is not getting verified and acceptance invalid address.	Medium	High	
1. Log into the website. 2. Navigate to My Info -> Personal Details 3. In email, valid email field enter admin@demo.com	32. Verify claim details	Verify that the system prevents users from claiming bills with an amount of 0 rupees.	6/9/2024, 11:53	1. Log into the website. 2. Navigate to My Info -> Personal Details 3. In email, valid email field enter admin@demo.com	An error message should be displayed indicating that bills with an amount of 0 rupees cannot be claimed.	It is visible as a regular entry.	Medium	Medium	
1. Log into the website. 2. Navigate to My Info -> Personal Details 3. In email, valid email field enter admin@demo.com	33. Verify that the admin is able to assign claims to users.	Verify that the admin is able to assign claims to users.	6/9/2024, 11:53	1. Log into the website. 2. Navigate to My Info -> Personal Details 3. In email, valid email field enter admin@demo.com	User "CajuluDhruv" details should be shown and the admin should be able to assign tasks to the user.	The search gives the result "Invalid entry"	High	High	

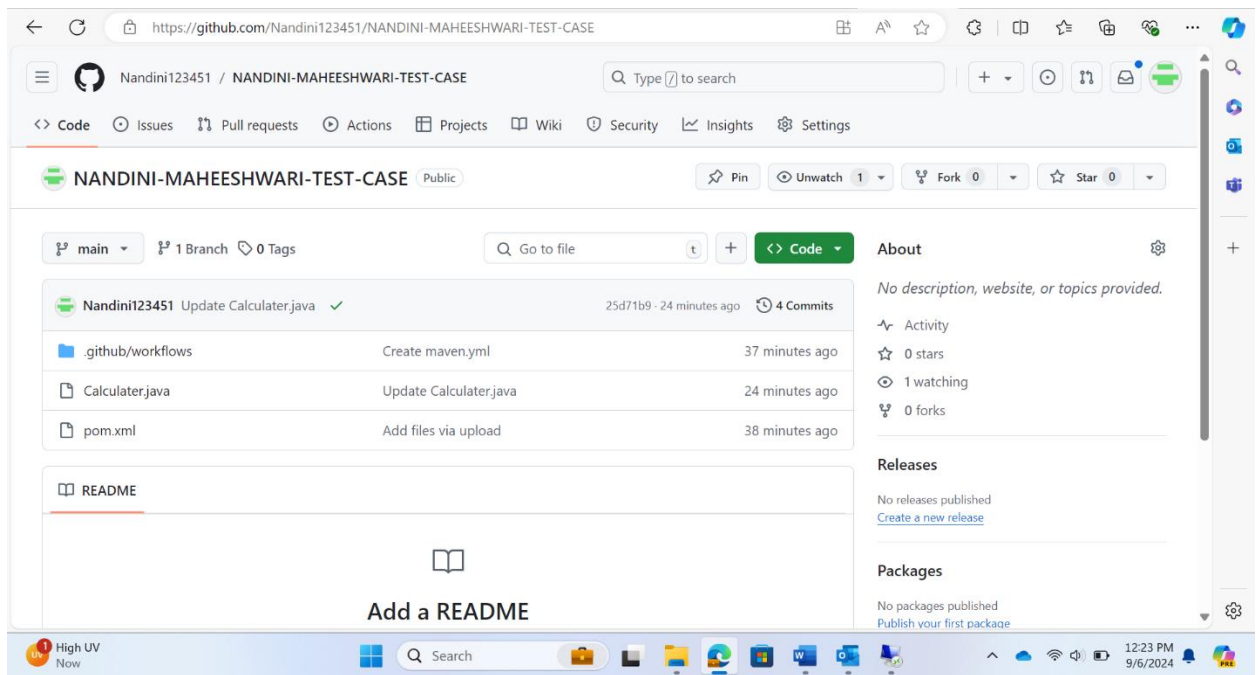
[Book1.xlsx \(shell.com\)](#)

5. RTM (REQUIREMENT TRACEABILITY MATRIX)

[illegible]

User Story\Test Cases	#21	#22	#23	#24	#25	#26	#27	#28	#29	#30	#31	#32	#33
User story 1								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
User story 2													
User story 3													
User story 4													<input checked="" type="checkbox"/>
User story 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							

6. GITHUB REPOSITORY



github - Search Workflow runs - Nandini123451/ -

https://github.com/Nandini123451/NANDINI-MAHEESHWARI-TEST-CASE/actions

Nandini123451 / NANDINI-MAHEESHWARI-TEST-CASE

Code Issues Pull requests **Actions** Projects Wiki Security Insights Settings

Actions New workflow

All workflows

Showing runs from all workflows

3 workflow runs

	Event	Status	Branch	Actor
Update Calculator.java	Java CI with Maven #3: Commit 25d71b9 pushed by Nandini123451	main	1 minute ago	...
Update Calculator.java	Java CI with Maven #2: Commit b76628a pushed by Nandini123451	main	12 minutes ago	...
Create maven.yml	Java CI with Maven #1: Commit 266b642 pushed by Nandini123451	main	14 minutes ago	...

github - Search NANDINI-MAHEESHWARI-TEST-CASE gmail - Search

https://github.com/Nandini123451/NANDINI-MAHEESHWARI-TEST-CASE/blob/main/Calculator.java

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Files

main

Go to file

> .github

Calculator.java

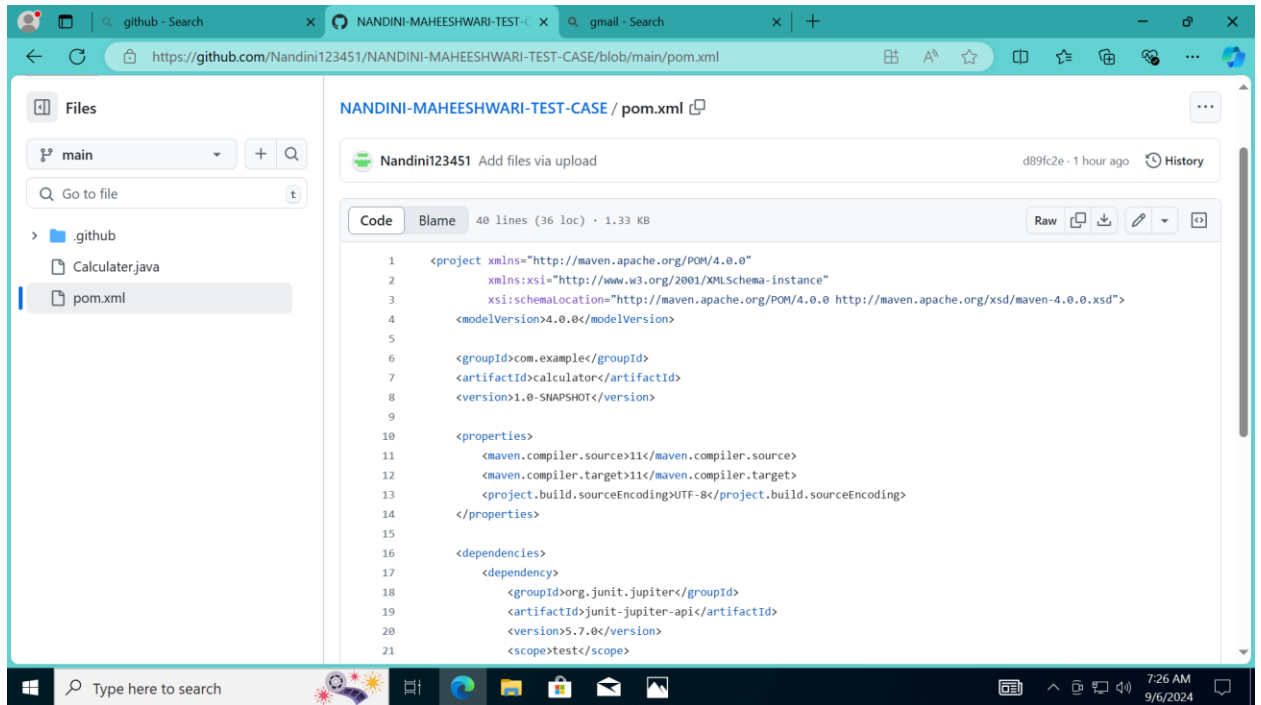
pom.xml

NANDINI-MAHEESHWARI-TEST-CASE / Calculator.java

Nandini123451 Update Calculator.java ✓ 25d71b9 - 1 hour ago History

Code Blame 15 lines (13 loc) · 379 Bytes

```
1 public class Calculator {
2     public int add(int a, int b) {
3         return a + b;
4     }
5
6     public int subtract(int a, int b) {
7         return a - b;
8     }
9
10    public static void main(String[] args) {
11        Calculator calc = new Calculator();
12        System.out.println("10 + 3 = " + calc.add(10, 5));
13        System.out.println("10 - 2 = " + calc.subtract(10, 5));
14    }
15 }
```



GITHUB LINK ATTACHED HEREBY-

[Nandini123451/NANDINI-MAHEESHWARI-TEST-CASE \(github.com\)](https://github.com/Nandini123451/NANDINI-MAHEESHWARI-TEST-CASE)