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Experiment NO. 09

Aim :- Perform Coverage testing using the Eclemma on Eclipse.

Steps :-

Installation

1. Install Eclipse IDE
2. Go To windows → Market place → EClemma → Install
3. Create a Java package and create java class under the package.
4. Write the code of the given program:
5. Find the coverage of the program by 'Coverage as' button.
6. Go To 'Coverage' tab and do export session either in HTML / CSV / XML format.
7. The generated Report will display the Covered and missed branch, Covered & missed instruction, covered and missed Compleing Covered and missed method.

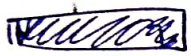
Code :-

// Area of Circle in Java

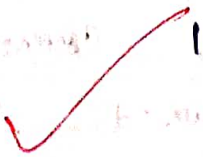
```
import java.util.Scanner;
public class AreaOfCircle {
```

Output:

Area of circle

Element	Missed Instruction	Cov	Missed Branches	Cov	Missed
main(String[])		100%		n/a	0
areaofcircle		0%		n/a	1
Total	3 of 36	91%	0 of 0	n/a	1

Cxty	Missed	Lines	Missed	Methods
1	0	8	0	1
1	1	1	1	1
2	1	9	1	2



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```
public static void main (String args[]) {
    int radius;
    double area;
    Scanner sc = new Scanner (System.in);
    System.out.println ("Enter the radius of the circle");
    radius = sc.nextInt();
    area = (radius * radius) * Math.PI;
    System.out.println ("Area of the circle is :: " + area);
}
}
```

Output :- (code)

```
Enter the radius of the circle ::
55
Area of the circle is :: 9503.317777
```

Amazon

Command	Target	Value
✓ Open	916 x 840	${key-down}
✓ Set windows size	id = two tabs search text box	mobile under ₹10000
✓ Send Keys		
✓ type	id = two tabs search text box	${key-enter}
✓ Send Keys	id = two tabs search text box	
✓ close		

* Log

Running 'Amazon'

1. Open on / ok
2. Set windows size on 916 x 840 OK
3. Send key on id = two tabs search text box with value OK
4) type on id = two tabs search text box with value mobile under ₹10000
5) Send Keys on id = two tabs search the box with value box.

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Experiment NO. 10

Aim :- Analyse the performance of following website using Selenium IDE for Chrome extension.

Steps to follow :-

1.) Open Chrome browser
2.) In search bar → Search Selenium IDE for Chrome
3.) Install it.
4.) Open Selenium IDE
5.) Then open Selenium IDE and Click on the record a new test in a new project.
6.) Give a project name eg - Kunal - test
7.) Next, then give URL which you want
eg. Amazon
https://www.amazon.in/
8.) Start Recording
9.) Search mobile under ₹10000 .10.) Click first mobile.
10.) Open Selenium and give title name amazon and stop the recording
12.) Run current test. (all test).

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Experiment No. 11

Aim:- Analyse the performance of following website using Selenium IDE for Chrome (Flipkart).

Steps:-

All steps are followed as on experiment (10.)

Output:- (Flipkart)

Command	Target	Value
✓ open	879 × 834	
✓ set windows size	css = .12doB42	
× Click	= 9	
× click		
✓ close		
× log		

Running Flipkart

1. Open on / ok
2. Set windows size on 879 x 834 ok
3. Trying to find css = .1' - 2doB42 - failed
4. Implicit wait timed out after - 30000ms

'flipkart' ended with error (1)

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Experiment No. 12

Aim: Analyse the performance of following website Selenium IDE for chrome (IRCTC).

Steps:

All steps are followed as in experiment 10.

Output:-

Command

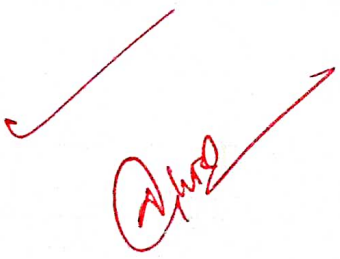
- ✓ Open
- ✓ set windows size
- ✓ mouse over
- ✓ mouse out
- ✓ Click
- ✓ Click
- ✓ type
- ✓ Click
- ✗ Click

* Log

Running 'ihetc - test'

1 Open on /nget / train - search OK
2. Set window Size on 1050 x 640 OK
3. mouse over on CSS = btn OK
4.) mouse out on CSS = btn OK
5.) Click on CSS = btn OK
6.) Click on CSS = ngn - ths- CSS8.8 > ui - input ent OK
7.) type on CSS - #p - highlighted option -> ngn star inserted OK.
8) Trying to find test = 22. failed.

ihetc - test ended with 1 erros (s).



S.No.	Name of the experiment	Pg. No.	Date of Allotment	Date of Performance	Attendance (2)	Record* (3)	Performance** (5)	Total (10)	Signature of Faculty With Date
1.	Area & perimeter of circle		29/01	29/01/22	0	3	5	8	
2.	Read first & last name from console		11/02	11/02/22	0	3	5	8	
3.	Quadratic equation		10/03	10/03/22	0	3	5	8	
4.	Read the commercial web URL		26/03	26/03/22	0	3	5	8	
5.	Program for Calculator		01/04	01/04/22	0	3	5	8	
6.	Program for password console		4/04	8/04/22	0	3	5	8	
7.	Analyse performance using Jmeter(A)		8/04	8/04/22	2	3	5	10	
8.	Analyse performance using Jmeter(F)		15/04	15/04/22	2	3	5	10	
9.	Analyse puppet orchestration		20/05	20/05	2	3	5	10	
10.	Analyse puppet amazon		21/05	21/05	2	3	5	10	
11.	" " flipkart		21/05	21/05	2	3	5	10	
12.	" " Tekis		21/05	21/05	2	3	5	10	
13.									
14.									
15.									
16.									
17.									
18.									
19.									
20.									

eparation & Lab record

Overall Quality of Performance. Knowledge about application of experiment. Technical skills of