1. What is Eclipse..?

- It is a dedicated IDE to develop Java based application.
- It is a free version tool
- It is used for testers to Handle the Automation script with Selenium

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2. Download the Eclipse:

- We can download the Eclipse from the below mentioned link
- Choose the 32bit or x86_64 bit from Eclipse IDE for Java Developers package.
- It will download the Eclipse as Zip file

    https://www.eclipse.org/downloads/packages/release/oxygen/3a

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3. Installation of Eclipse:

We don't need to install it, We can directly launch the Eclipse application

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4. Launching the Eclipse

1. Exctract the downloaded Zip file
2. Find the Eclipse.exe file as Application type under extracted folder
3. Double click the file to launch the Eclipse.

Name	Date modified	Type	Size
configuration	06-09-2022 10:36 PM	File folder	
dropins	05-04-2018 11:14 AM	File folder	
features	06-01-2022 06:33 PM	File folder	
p2	06-09-2022 10:36 PM	File folder	
plugins	06-01-2022 06:35 PM	File folder	
readme	06-01-2022 06:35 PM	File folder	
.eclipseproduct	22-12-2017 02:01 AM	ECLIPSEPRODUCT File	1 KB
artifacts	05-04-2018 11:14 AM	XML Document	292 KB
eclipse - Shortcut	15-06-2022 04:09 PM	Shortcut	1 KB
eclipse	05-04-2018 11:16 AM	Application	313 KB
eclipse	05-04-2018 11:14 AM	Configuration settings	1 KB
eclipsec	05-04-2018 11:16 AM	Application	26 KB
hs_err_pid20216	17-06-2022 04:41 PM	Text Document	89 KB
replay_pid20216	17-06-2022 04:41 PM	Text Document	1,109 KB

Note: Once we have launched the Eclipse, It will prompt to choose the workspace folder.

5. What is Workspace..?

- A workspace is a folder in the local system(computer)
- It will manage all the projects inside the workspace folder.
- As the name suggests, it is your "space of work". It defines your area of interest during an Eclipse session.

6.. What is the Structure of Java Project:

Project --> Source Folder --> Package --> Class --> Variable, Method

We can also create files and folders under Project, source folder and packages.

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7. How to create a new wizard in Java..?

- Wizard is nothing but general term like Project, source folder, package, class

To create a new wizard follow the below step:

File -- > New --> Choose any wizard

Shortcut: Control + N

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8. What is an Autosave and How to enable it..?

- Normally we shuold save the file manually before running the java programe
- If we enabled the Autosave option mean, It will save the java programe automatically.

Steps to Enable Autosave:
1. Type Autosave in Quickbox text field in Top right cornor and select the autosave option in the list
2. Click the checkbox in the Enable autosave for dirty editors
3. Enter the time in seconds for autosave

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9. How to Run a Java programe in Eclipse…?

1. Right click the programme which is have to Run
2. Expand the Run As option
3. Click Run as Java application

10. How to Enable suggesion in Eclipse..?

      1. Type any value
      2. Click control+space
      3. Then, It will enable all suggesions related to typed value

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11. Shortcut to create a main method..?

    Key: main

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12. Shortcut to create a main printing statement..?

    Key: syso

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13. How to navigate to declared method or variable when it is used in another class on Eclipse…?

      Control + mouse click
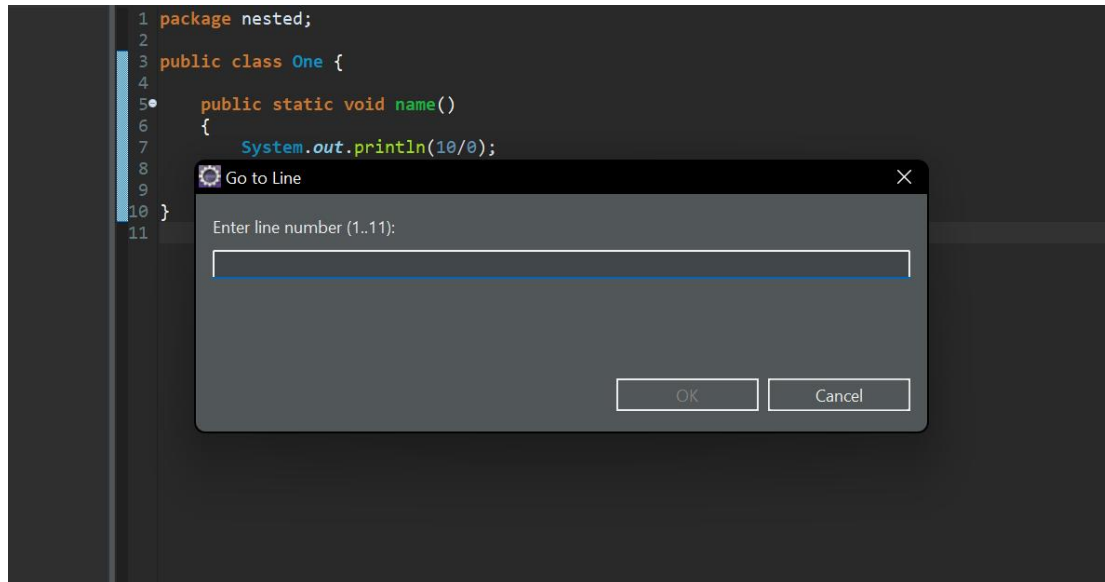
```
public class Name
 {
        public static void name()
              {

              }
 }

 class Language
  {
        public static void main(String [] args)
         {
                name();
         }

  }
```

14. How to navigate into particular line of programe in Eclipse…?

      1. Type the shortcut key as **Control + L**
      2. It will show a text box as Enter the line number
      3. Type the line number which we wants to go

```
1  package nested;
2
3  public class One {
4
5●     public static void name()
6      {
7          System.out.println(10/0);
8
9
10 }
11
```

Go to Line   ✕

Enter line number (1..11):

[   ]

        OK   Cancel

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15. What is the console in Eclipse…?

    ● The console will shows the all output detail of the program after exected it.
    ● It will show both passed output and error details.
    ● It help to identify the all error details
    ● It will show at which line number, the exact error is occurred.