1. **Locators Name**
2. XPath
3. Id
4. Class name
5. Name
6. Tag name
7. CSS Selector
8. Link Text
9. **Bug Tracking Tool**
10. Mentis
11. Redmine
12. Jira
13. Trello
14. Azzure Devops
15. **Advantages and Disadvantages of Automation**

* Advantages
  + Easy to Use
  + Reusability
  + Fast Execution
  + Time Saving
  + Anyone Can Use
* Disadvantages
  + Costly
  + Maintenance

1. **Usage of Xenu**

* Xenu is a testing Platform Where we Test the whole website in one go and find the bug.

1. **Usage of Browser Stack Platform**
   * BrowserStack is the testing platform to test the websites and mobile applications.
   * In Browserstack we can test a web application in multiple browser and mobile applications in all the devices without virtual mobile or emulator.
   * It can be test on both android and ios.
2. **Usage of Selenium IDE** 
   * Selenium IDE is tool that a test case to develop selenium test cases.
   * Selenium IDE is easy to use tool.
   * Selenium IDE is use for Developer for Developing test Cases.
3. **Click, Text, Clear Command**

* Click();
* SendKeys();
* Clear();

1. **Write down the Command for closing instance of Browser.**
   * driver.close();
2. **Write down the Command for closing instance of Multiple Browser.**
   * driver.quit();
3. **Navigate Command** 
   * driver.navigate()
4. **How many Select Method.**
   * 3
     1. SelectbyIndex
     2. SelectbyValue
     3. SelectbyVisibleText
5. **How many Deselect Method.**
   * 4
     1. DeselectAll
     2. DeselectbyIndex
     3. DeselectbyValue
     4. DeselectbyVisibleText
6. **API Method and It’s Purpose**
   * Get
     1. With using get we can fetch the value.
   * Post
     1. With using Post we can Add the Value.
   * Put
     1. With using Put we can Update the Value.
   * Delete
     1. With using Delete we can Delete the Value.
7. **Maximize Command**
   * Driver.mange().window().maximize();
8. **URL Open Command**
   * driver.get(“”);
9. **Test Cases**
10. **Products search**
    1. Taking input values and finding
       1. Verify When Enter Valid Value in Search Bar.
       2. Verify When Enter Trim Value in Search Bar.
       3. Verify When Enter Special And junk Character in Search Bar.
       4. Verify When Enter Numeric Value in Search Bar.
       5. Verify When Blank Value in Search Bar.
       6. Verify When Enter Invalid Value in Search Bar.
       7. Verify When Enter Not Available Value in Search Bar.
       8. Verify When Enter Single Word in Search Bar.
       9. Verify When Enter Single Character in Search Bar.
       10. Verify When Enter Multiple Word in Search Bar.
       11. Verify When Enter Single Character in Search Bar.
       12. Verify When Enter Max Length in Search Bar.
       13. Verify When Enter Min Length in Search Bar.
       14. Verify When Enter Alphanumeric in Search Bar.
       15. Verify When Enter Case sensitive in Search Bar.
    2. Displaying results in another screen if not found providing message.
       1. Verify Result that Valid Product is show.
       2. Verify Result that Invalid Product is Show.
       3. Verify Result that Empty Product is show.
       4. Verify Valid Validation Message when there is no found Product.
       5. Verify Invalid Validation Message When there is no found Product.
11. **Feed back**
    1. Taking information like product name, name, e-mail, message and submitting.
       1. Verify When Enter Valid Product Name.
       2. Verify When Enter Invalid Product Name.
       3. Verify When Enter Not Available Product Name.
       4. Verify When Enter Numeric in Product Name.
       5. Verify When Enter Special and junk character in Product Name.
       6. Verify When Enter Blank in Product Name.
       7. Verify When Enter trim in Product name.
       8. Verify When Enter Min/Max Length in Product Name.
       9. Verify When Enter Valid Username.
       10. Verify When Enter Invalid Username.
       11. Verify When Enter Not Exist Username.
       12. Verify When Enter Numeric in Username.
       13. Verify When Enter Special and junk Character in Username.
       14. Verify When Enter Blank in Username.
       15. Verify When Enter trim in Username.
       16. Verify When Enter Min/Max Length in Username.
       17. Verify When Enter Valid Email.
       18. Verify When Enter Invalid Email.
       19. Verify When Enter trim in Email.
       20. Verify When Enter Blank in Email.
       21. Verify When Enter Case sensitive in Email.
       22. Verify When Enter special and junk character in Email.
       23. Verify When Enter Max/Min Length of Email.
       24. Verify When Enter Max/Min Length of Message.
       25. Verify When Enter Blank for Message.
       26. Verify When Enter Trim for Message.
       27. Verify When Enter numeric for message.
       28. Verify when Enter Alphanumeric for Message.
       29. Verify click on Button.
       30. Verify When double Click on button.
       31. Verify when Multiple Time Click on Button.
    2. Input data resetting facility.
       1. Verify When Click on Reset Button.
       2. Verify When double Click on Reset Button.
       3. Verify When Click on button form is empty.
       4. Verify when click on button form is not reset.
       5. Verify When double click on button form and form is not reset.