

Software Testing Assignment

Module–1(Fundamental)

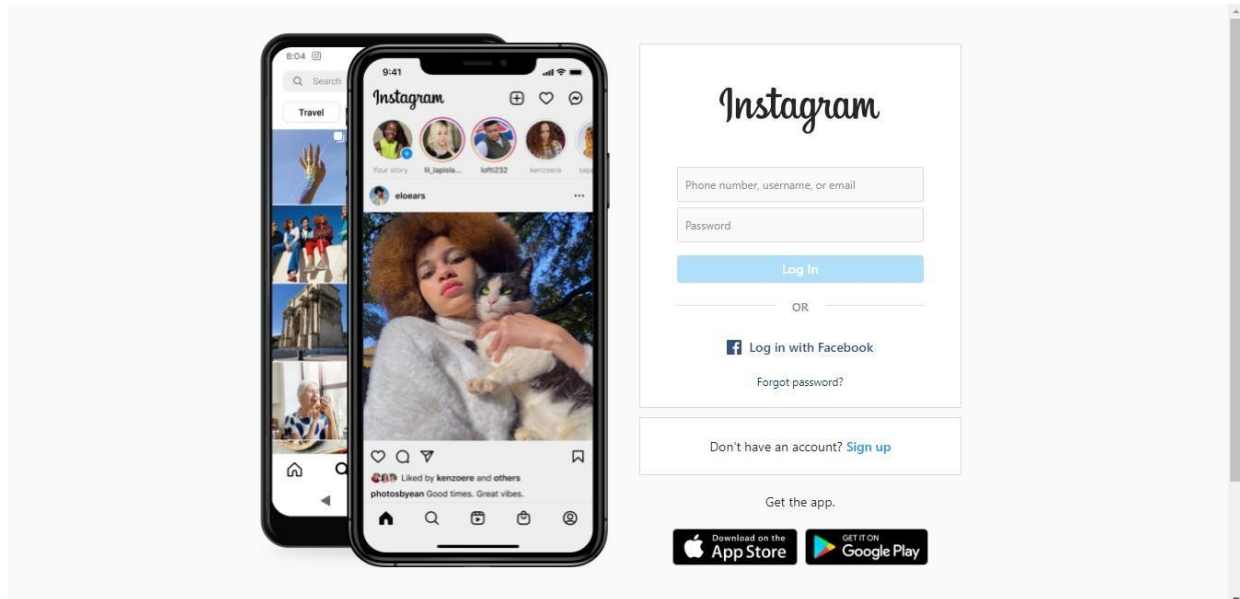
- What is SDLC
- What is software testing?
- What is agile methodology?
- What is SRS
- What is oops
- Write Basic Concepts of oops
- What is object
- What is class
- What is encapsulation
- What is inheritance
- What is polymorphism
- Draw Usecase on Online book shopping
- Draw Usecase on online bill payment system (paytm)
- Write SDLC phases with basic introduction
- Explain Phases of the waterfall model
- Write phases of spiral model
- Write agile manifesto principles
- Explain working methodology of agile model and also write pros and cons.
- Draw usecase on Online shopping product using COD.
- Draw usecase on Online shopping product using payment gateway.

Module–2(Manual Testing)

- What is Exploratory Testing?
- What is traceability matrix?
- What is Boundary value testing?
- What is Equivalence partitioning testing?
- What is Integration testing?
- What determines the level of risk?
- What is Alpha testing?
- What is beta testing?
- What is component testing?
- What is functional system testing?
- What is Non-Functional Testing?
- What is GUI Testing?
- What is Adhoc testing?
- What is load testing?
- What is stress Testing?
- What is white box testing and list the types of white box testing?
- What is black box testing? What are the different black box testing techniques?
- Mention what are the categories of defects?
- Mention what bigbang testing is?
- What is the purpose of exit criteria?
- When should "Regression Testing" be performed?
- What is 7 key principles? Explain in detail?
- Difference between QA v/s QC v/s Tester
- Difference between Smoke and Sanity?
- Difference between verification and Validation
- Explain types of Performance testing.
- What is Error, Defect, Bug and failure?
- Difference between Priority and Severity
- What is Bug Life Cycle?
- Explain the difference between Functional testing and NonFunctional testing

- To create HLR & TestCase of

1)(Instagram , Facebook) only first page



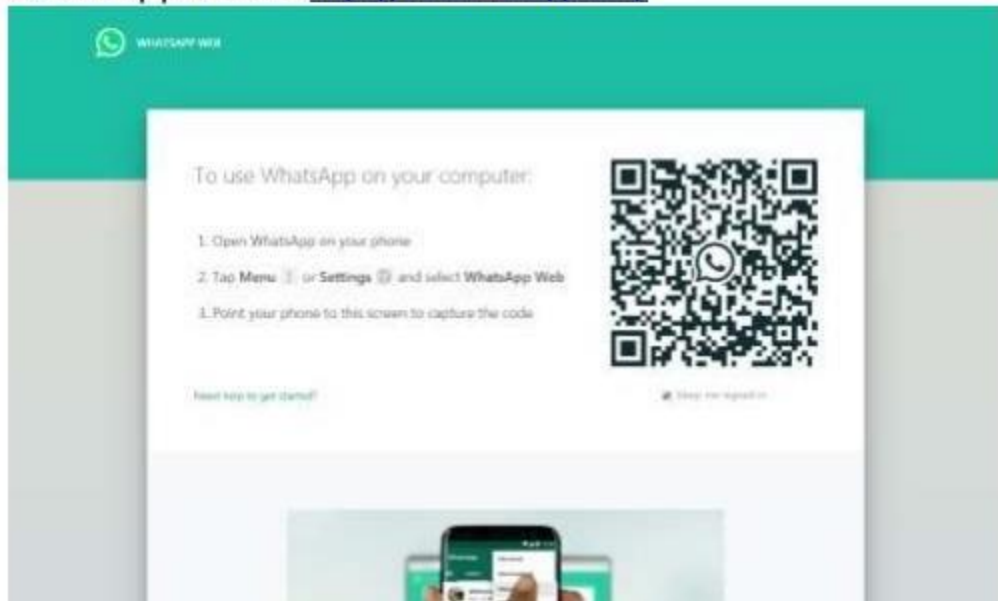
2) Facebook Login Page : <https://www.facebook.com/>



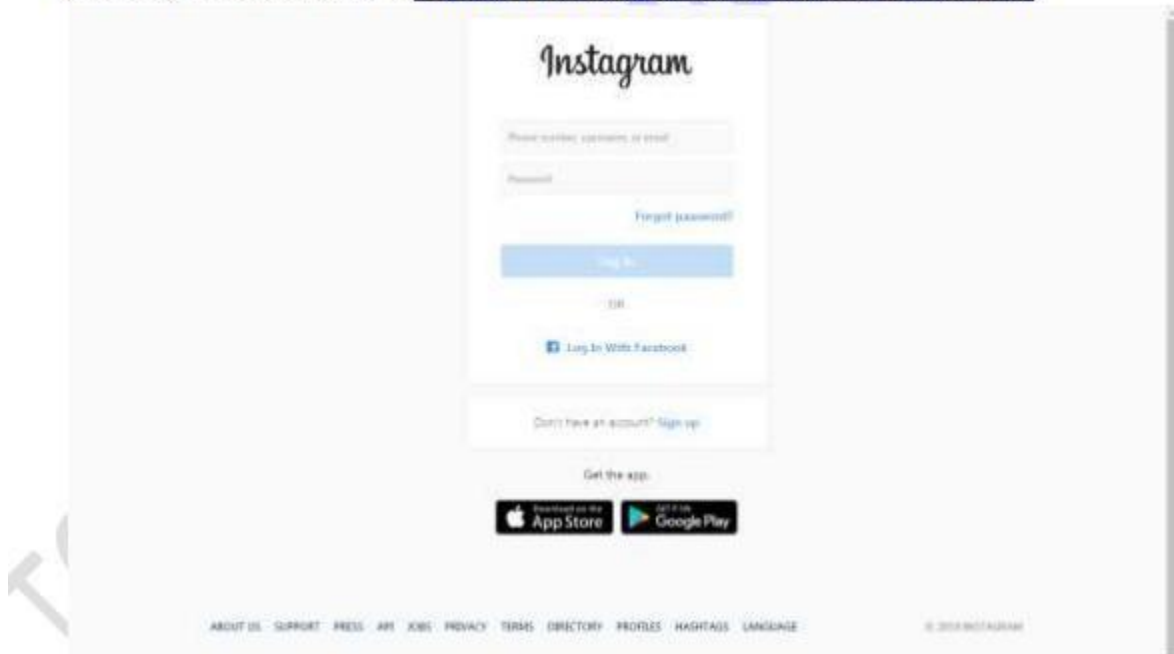
- What is the difference between the STLC (Software Testing Life Cycle) and SDLC (Software Development Life Cycle)?

- What is the difference between test scenarios, test cases, and test script?
 - Explain what Test Plan is? What is the information that should be covered.
-
- What is priority?
 - What is severity?
 - Bug categories are...
 - Advantage of Bugzilla .
 - Difference between priority and severity
 - What are the different Methodologies in Agile Development Model?
 - Explain the difference between Authorization and Authentication in Web testing.What are the common problems faced in Web testing?
- ❓ To create HLR & TestCase of WebBased (WhatsApp web , Instagram) 1. WhatsApp Web : <https://web.whatsapp.com/>

1. WhatsApp Web : <https://web.whatsapp.com/>



2.Instagram Web : <https://www.instagram.com/accounts/login/?hl=en>



- To create HLR and TestCase on this Link. <https://artoftesting.com/>

Keep in touch

Reach us for query or concern regarding any post on ArtOfTesting, we will try our best to resolve your query.

| | |
|---------|-------|
| Name | Email |
| Subject | |
| Message | |

SEND MESSAGE

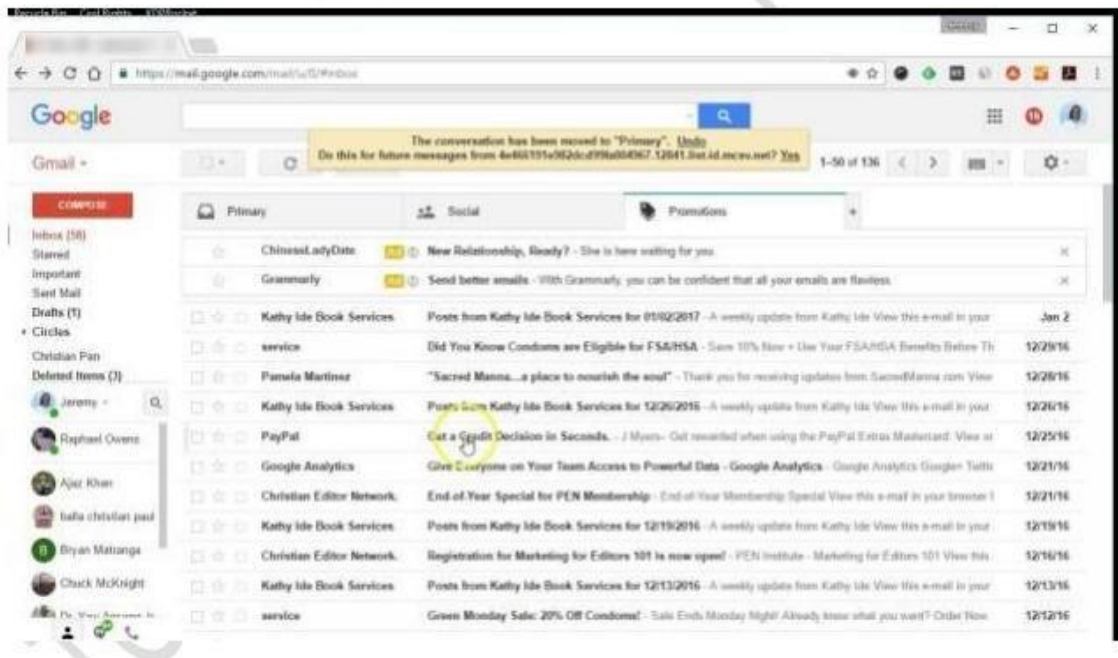
- Write a scenario of only Whatsapp chat messages
- Write a Scenario of Pen
- Write a Scenario of Pen Stand
- Write a Scenario of Door
- Write a Scenario of ATM
- When to used Usablity Testing?
- What is the procedure for GUI Testing?
- Write a scenario of Microwave Owen
- Write a scenario of Coffee vending Machine

- Write a scenario of chair
- To Create Scenario (Positive & Negative)

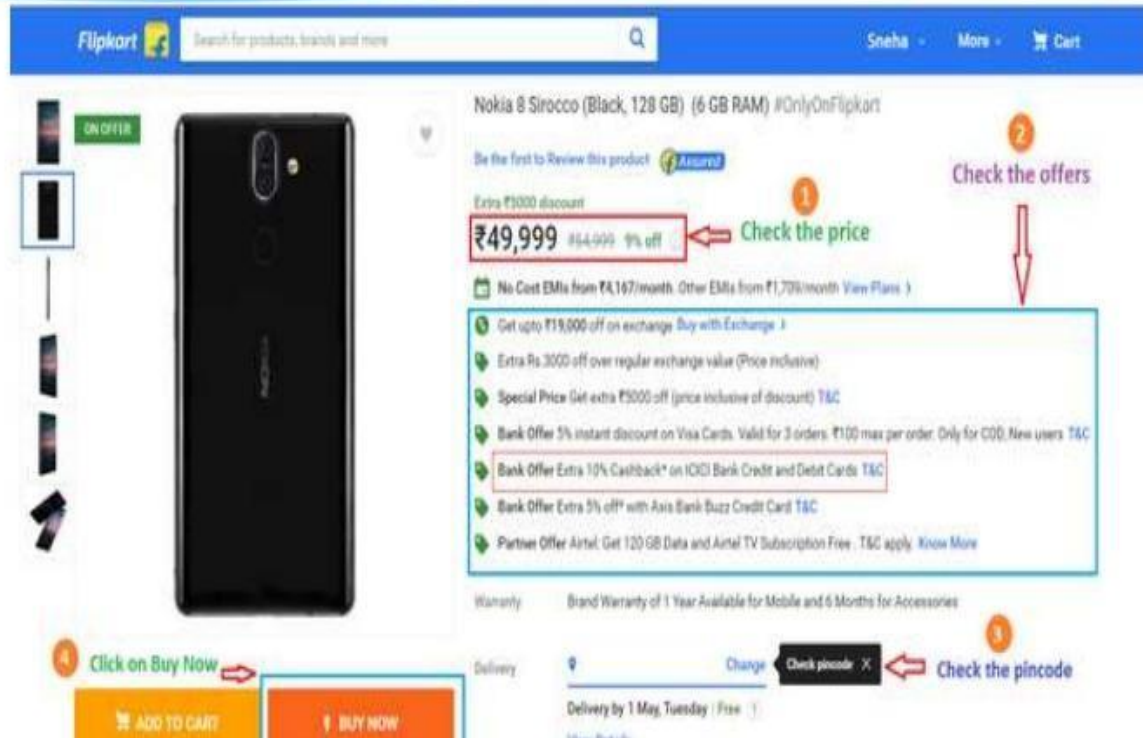
2. facebook Chat on Mobile



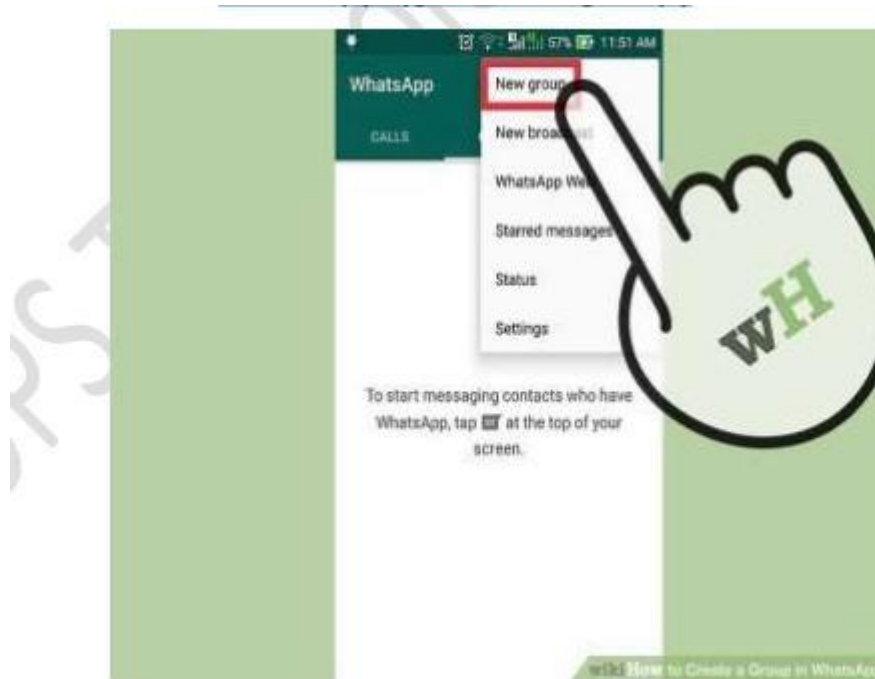
2. Gmail (Receiving mail)



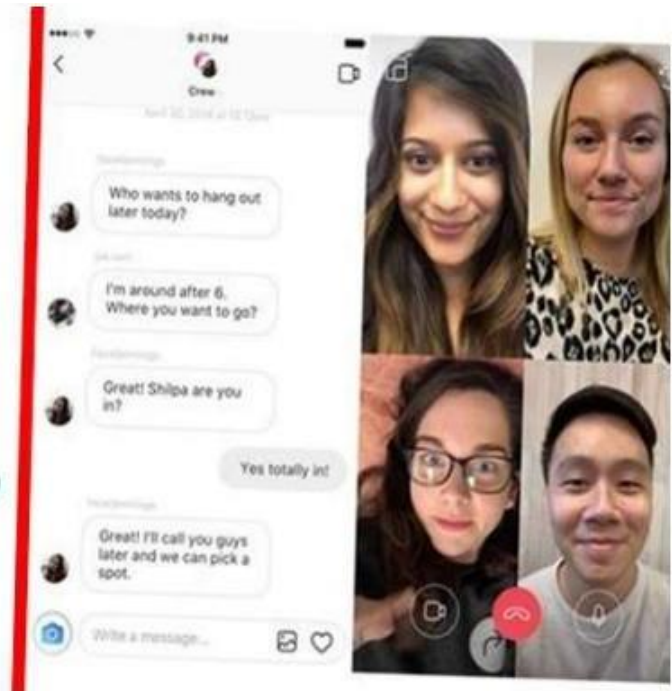
3. Online shopping to buy product (flipkart)



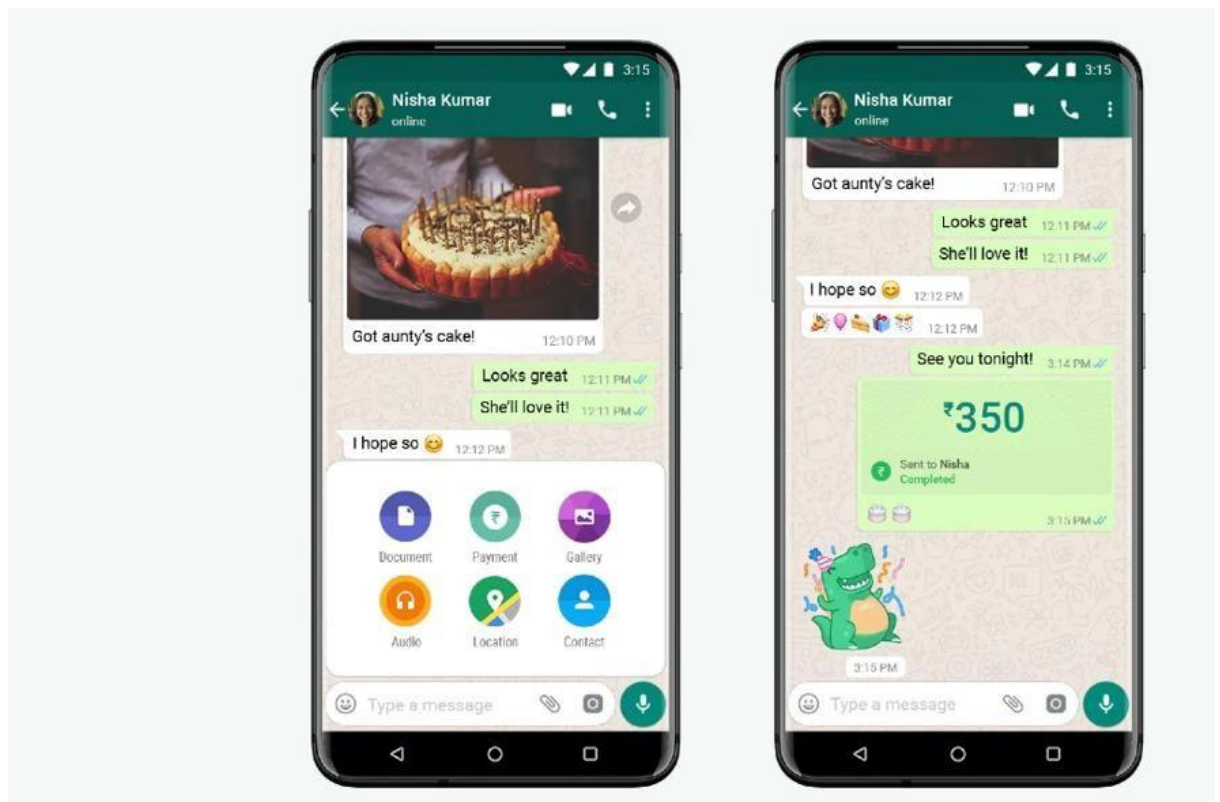
- Write a Scenario of Wrist Watch
- Write a Scenario of Lift(Elevator)
- Write a Scenario of whatsapp Group (generate group)



- Write a Scenario of instagram (video call with chat)



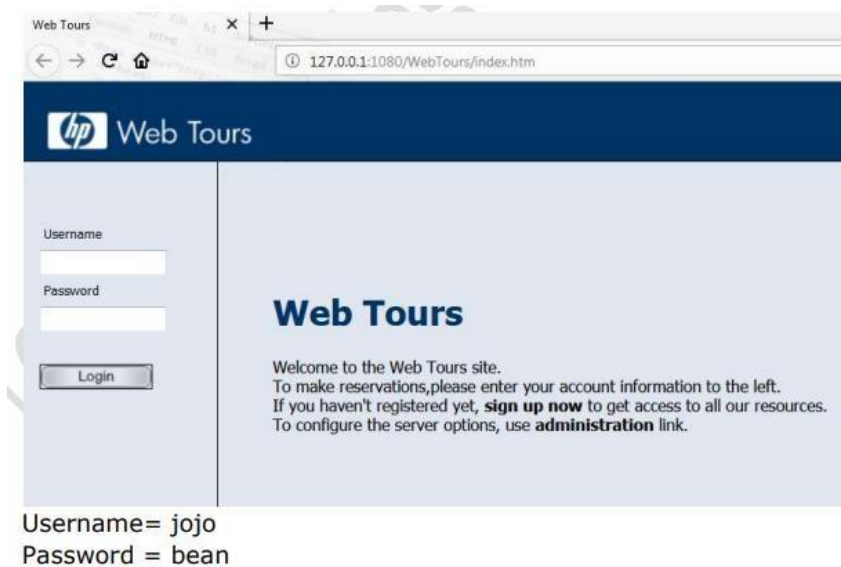
- Write a Scenario of Whatsapp payment



Module 3 (Testing on Live Application)

- What is RDBMS
- What is SQL
- Write SQL Commands
- What is join?
- Write type of joins.
- How Many constraint and describes it self
- Difference between RDBMS vs DBMS
- What is API Testing
- Types of API Testing
- What is Responsive Testing?
- Which types of tools are available for Responsive Testing
- What is the full form of .ipa, .apk
- How to create step for to open the developer option mode ON?
- To check **Module-4 Automation Core Testing (Load Runner Up and Selenium IDE)**
 - Which components have you used in Load Runner?
 - How can you set the number of Vusers in Load Runner?
 - What is Correlation?
 - What is the process for developing a Vuser Script?
 - How Load Runner interacts with the application?
 - How many VUsers are required for load testing?
 - What is the relationship between Response Time and Throughput?
 - What is the difference between hits/second and requests/second?
- To test the Performance testing on “Tops Technologies website” :- <https://www.tops-int.com/>
 1. to Record all top level menu
 2. to Record minimum 10 Vuser on this website
 3. save all (Script,Design,Graph)

- create a normal script of above website with correlate using hp default website.



Selenium IDE)

- What is Automation Testing?
- Which Are The Browsers Supported By Selenium Ide?
- What are the benefits of Automation Testing?
- What are the advantages of Selenium?
- Why testers should opt for Selenium and not QTP?
- To validate the tops technologies website Contact us page and enter your friend detail at last "Guest Call Back" <https://www.tops-int.com/contact-us/>
- To validate the tops technologies website Contact us page and enter your friend detail at last "Guest Call Back" <https://www.tops-int.com/contact-us/>
 1. To use assert
 2. To use click and wait
 3. To use locators
 4. To use other command