**Bitbucket**

[**https://bitbucket.org/dashboard/overview**](https://bitbucket.org/dashboard/overview)

**username :** vasanthaperiyasamy

password:akkammal@2019

* It is an repository used to store the code in central place and share it with team mates.
* Bitbucket is an tools to work with version control system
* pull request is for merging our changes into repository

**Difference between Git and BitBucket**

Git :- is an source control system and is an opensource.

Bitbucket :- is an tool used to work on source control system . its for closed environment and not open source.

**JIRA**

* Is an project management , issue tracking tool.
* It is an inceident management tool.
* It can be integrated with source control tools such as GIT, clear case
* It is useful in workflow and process management
* JIRA project is called as collection of issues

Free trial

<https://www.atlassian.com/try/cloud/signup?bundle=jira-software>

* Jira is an java based web application , it follows client server model. It can be running on server and the client can connect it via web browsers.
* Jira must be connected to data base to store issues / application data
* It can be exposed as service.
* Outgoing SMTP mail server can be configured in jira
* Jira Credentials

[Pvasantha.periyasmay@gmail.com](mailto:Pvasantha.periyasmay@gmail.com)

akkammal@2019

XPATH

* It is used to access only part of the xml for specific processing.
* XPath helper is an plugin integrated with chrome browser to work on XPath

XPATH Navigation :

* //div[@id='logo'] :- select the div element using the id attribute of the html element

<div id="logo" class="SSBsw xh-highlight" title="Google”>

* //div[@jsname="USBQqe" and @class="Wxwduf Us7fWe JhUD8d"] : -select the element based on two attribute values
* //h1[@id="headingText"]
* //label[text()='Flexible With Date'] :- elect the label element which has text ‘Flexible with Date’
* //buttons :- select all the button element in the page
* //button[@type="submit" and @label='Find Trains'] :- select all the button element which are sumit type and label as ‘Find Trains’
* //span[text()='Gift Memories:'] :- select span element with given text
* //div[@class="giftRow clearfix"][3] :- select the third div element with the specified attribute
* //div[@class="giftRow clearfix"][3]/div[@class='iconCont'] :- select the nested div element with the matching attribute value
* //div[@class="giftRow clearfix"][3]/div[@class='iconCont']/following::div :- select the following div element of div[@class="giftRow clearfix"][3]/div[@class='iconCont']/. It will exclude the matching div element.
* //div[@id='giftColAnimation']/child::div :- select all the div children node of the dive element div[@id='giftColAnimation']
* //div[@id='giftColAnimation']/attribute::class :- select the class attribute of the div element div[@id='giftColAnimation']
* //section[@class='giftMemories']/child::\* :- select all the children node of the element section[@class='giftMemories']
* //section[@class='shopByOcasion']/attribute::\* :- select all the attribute of the select element section[@class='shopByOcasion']
* //section[@class='shopByOcasion']/child::node() :- select all the children node of the section element
* //section[@class='shopByOcasion']/descendant::\* :- select all the descendants of the current element
* //section[@id='explore']/ancestor::\* :- sleect all ancestor of the current element

Debugging webpage in chrome -> use F12 or Developer Tools option