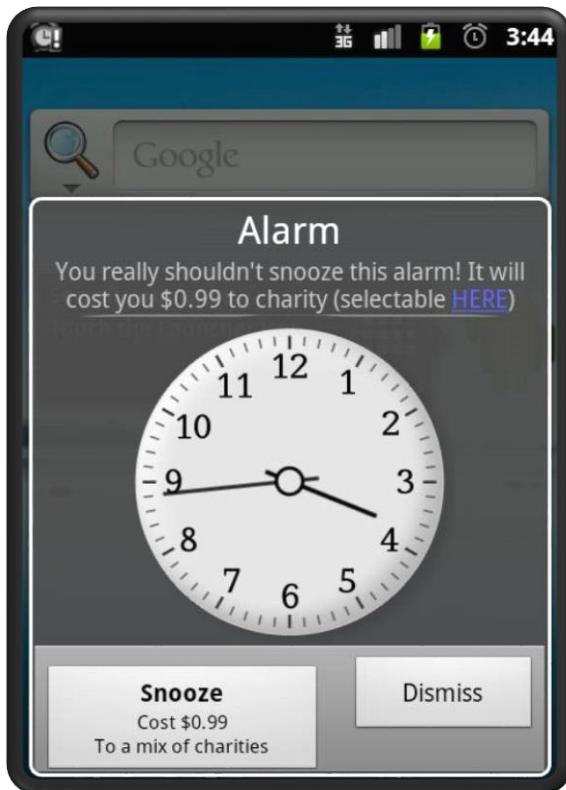
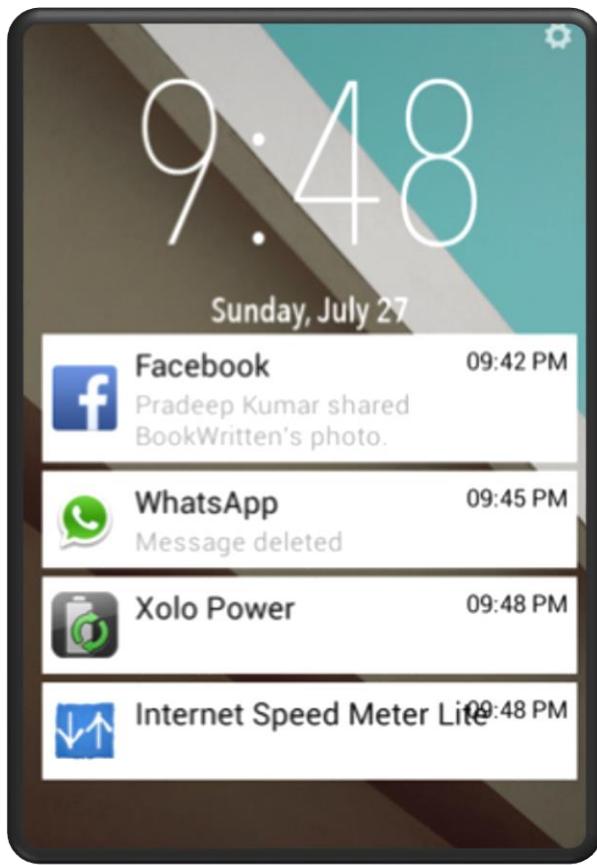
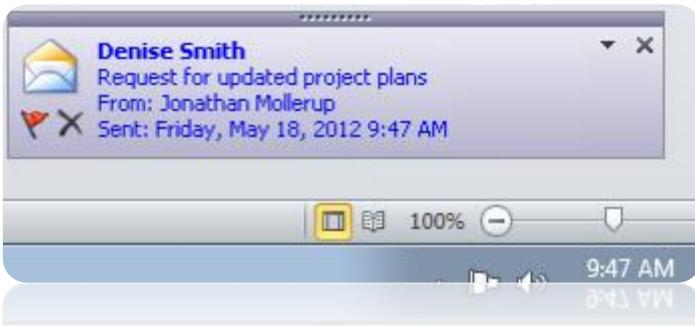


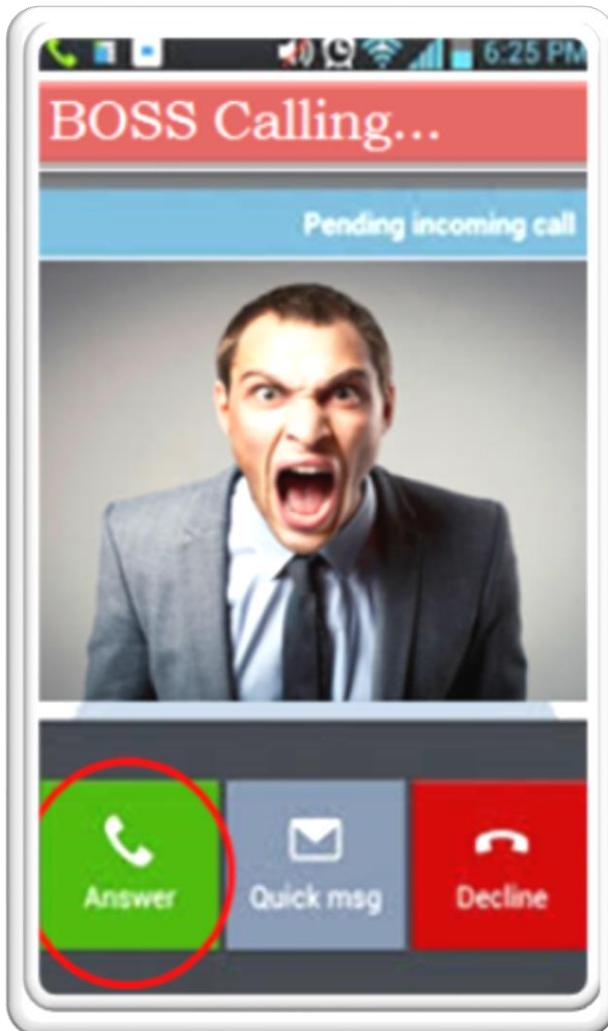


CONCEPT



**Switch To**

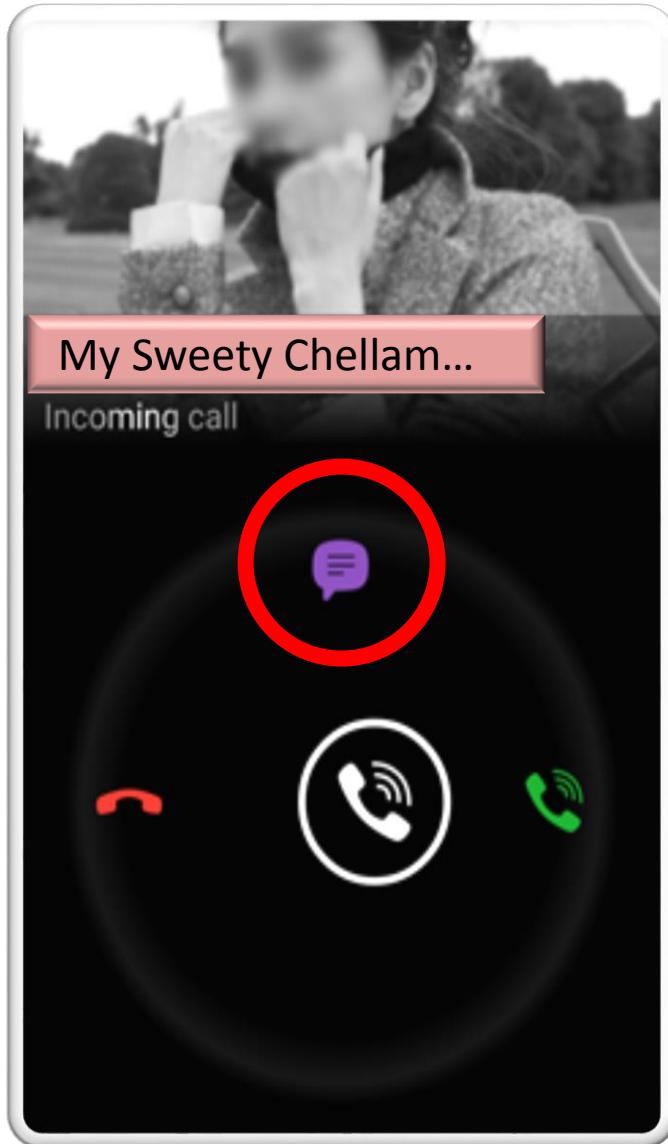




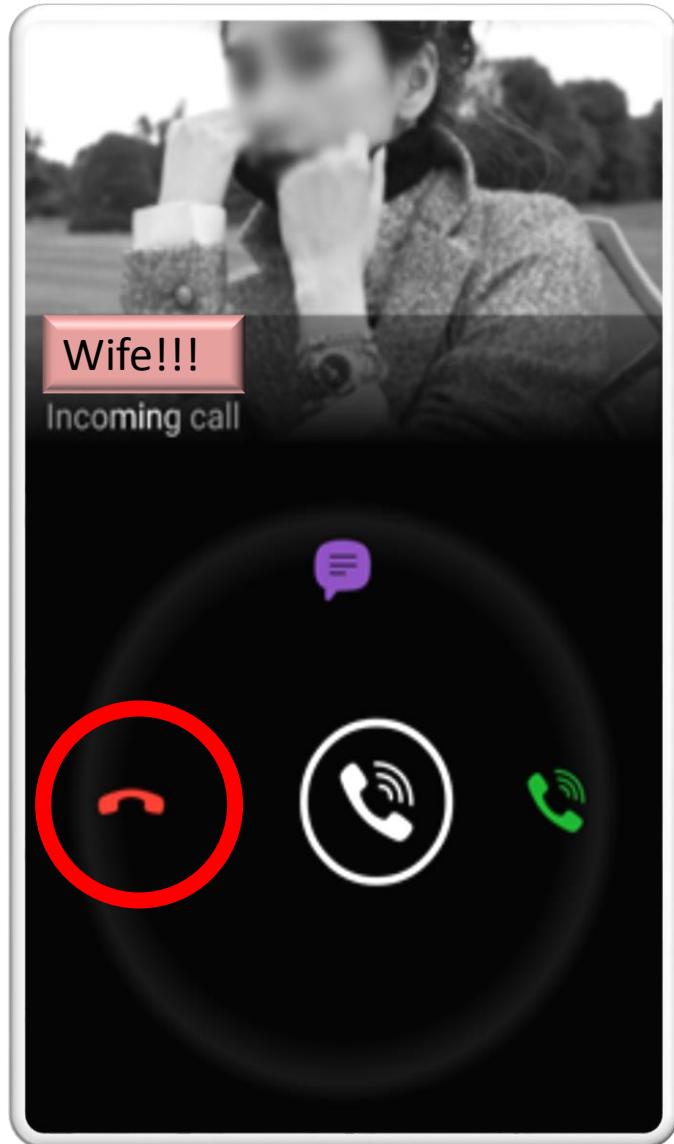
Accept



**Send Text / Keys**



**Dismiss**

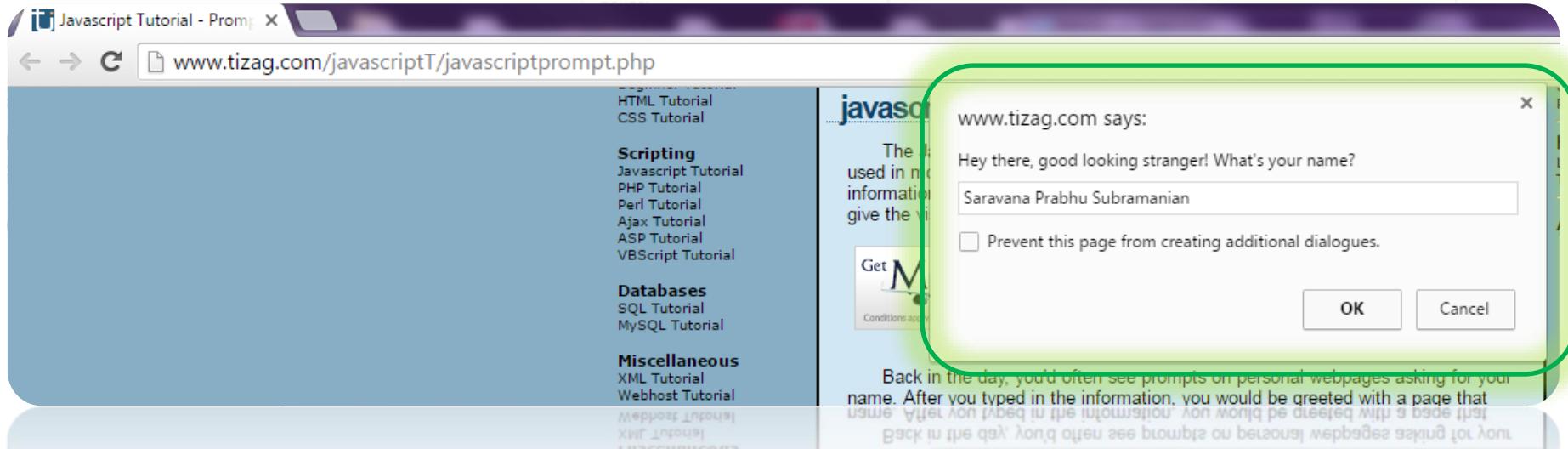
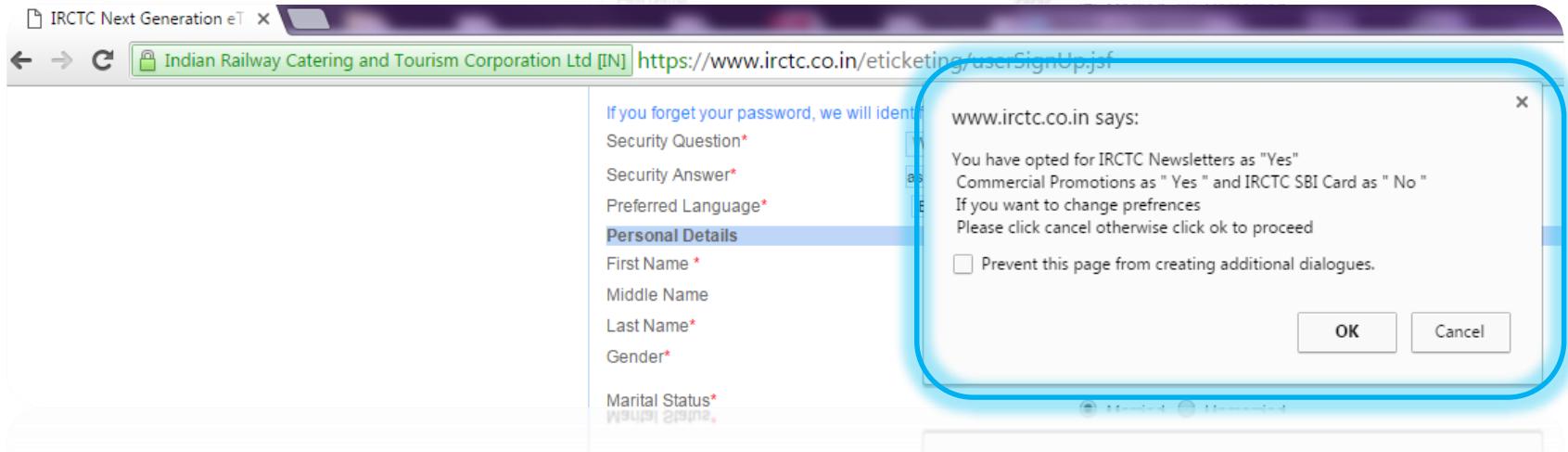
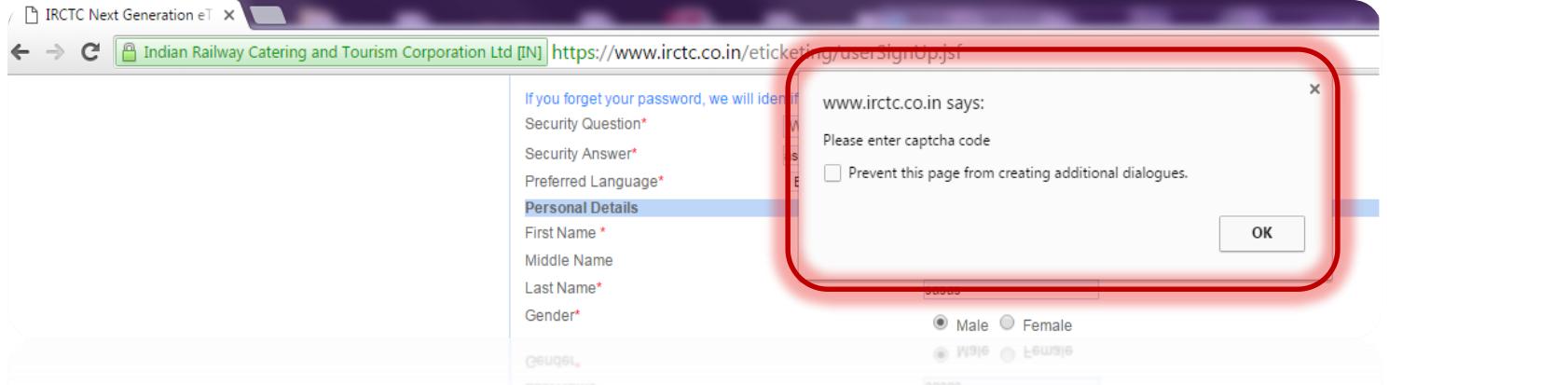


# Understanding!!!

- What do you do when phone alert arrives?
  - Switch To Phone Context
  - Perform the Action
    - Accept
    - Dismiss
    - Send Text / Keys



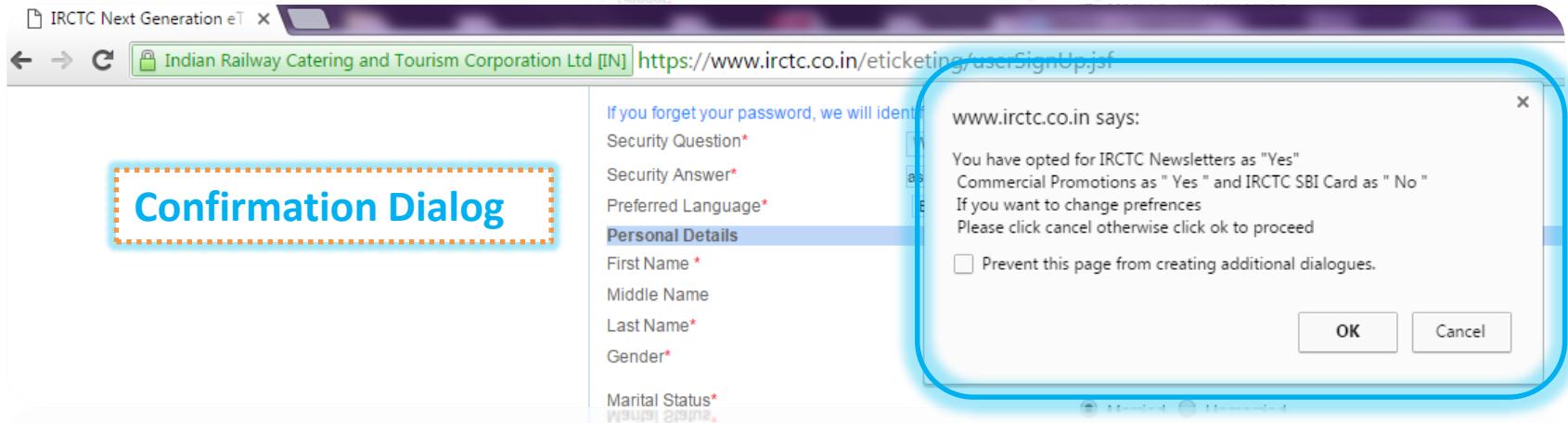
# Web Applications



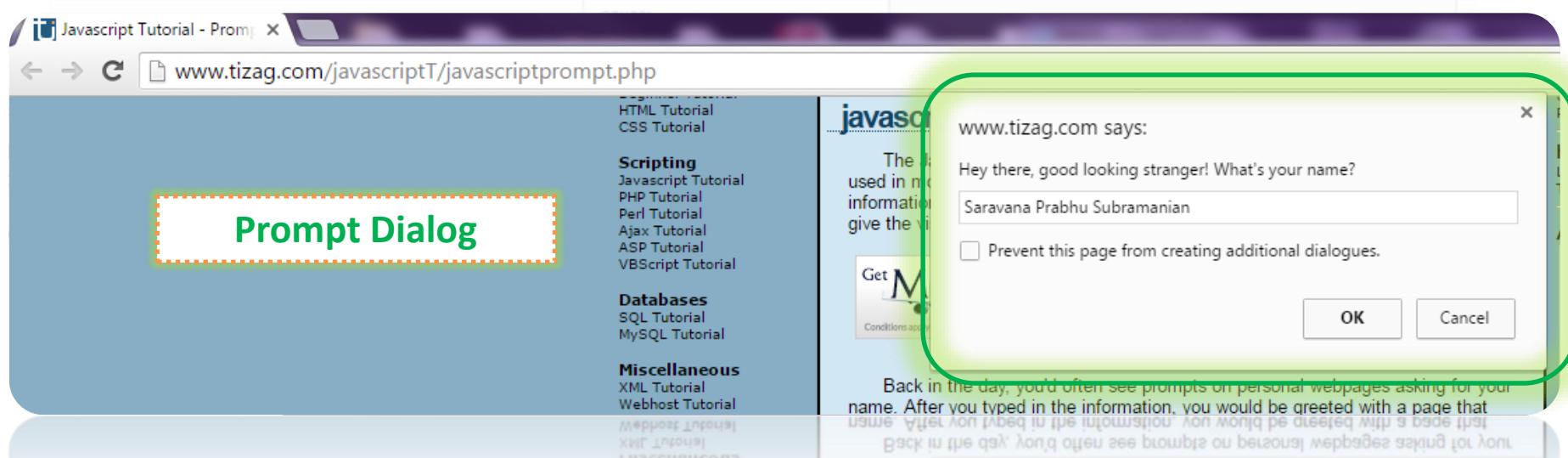
## (Simple) Alert Dialog



## Confirmation Dialog



## Prompt Dialog



# Understanding!!!

- Modal Dialogs
  - Must attend to it!!!
  - Cannot Inspect
- What is Attend to mean here?
  - Switch To Alert Context
  - Perform the Action on the Alert

driver.switchTo().alert().

# Understanding!!!

- Modal Dialogs
  - Must attend to it!!!
  - Cannot Inspect
- What is Attend to mean here?
  - Switch To Alert Context
  - Perform the Action on the Alert

```
driver.switchTo().alert().
```

(Simple) Alert Dialog

### Read or Get Text

Please enter captcha code

Prevent this page from creating additional dialogues.

Accept

OK

driver.switchTo().alert(). ???

(Simple) Alert Dialog

### Read or Get Text

Please enter captcha code

Prevent this page from creating additional dialogues.

Accept

OK

33333

Male  Female

```
driver.switchTo().alert().accept();
```

## Read or Get Text

(Simple) Alert Dialog

www.irctc.co.in says:

Please enter captcha code

Prevent this page from creating additional dialogues.

Accept

OK

55555

Male Female

```
driver.switchTo().alert().accept();
```

```
driver.switchTo().alert().getText();
```



```
driver.switchTo().alert().accept();
```

```
String txt = driver.switchTo().alert().getText();
```

**Confirmation Dialog**

If you forget your password, we will identify you by:

Security Question\*

Security Answer\*

Preferred Language\*

**Personal Details**

First Name \*

Middle Name

Last Name\*

Gender\*

Information is used for security purposes only.

**Read or Get Text**

www.irctc.co.in says:

You have opted for IRCTC Newsletters as "Yes"  
Commercial Promotions as " Yes " and IRCTC SBI Card as " No "  
If you want to change preferences  
Please click cancel otherwise click ok to proceed.

Prevent this page from creating additional dialogues.

**Accept****Dismiss****OK****Cancel**

# driver.switchTo().alert(). ???

## Read or Get Text

## Confirmation Dialog

If you forget your password, we will identify you by:

Security Question\*

Security Answer\*

Preferred Language\*

**Personal Details**

First Name \*

Middle Name

Last Name\*

Gender\*

Remember Details?

www.irctc.co.in says:

You have opted for IRCTC Newsletters as "Yes"  
Commercial Promotions as " Yes " and IRCTC SBI Card as " No "  
If you want to change preferences  
Please click cancel otherwise click ok to proceed.

 Prevent this page from creating additional dialogues.**Accept** **Dismiss**

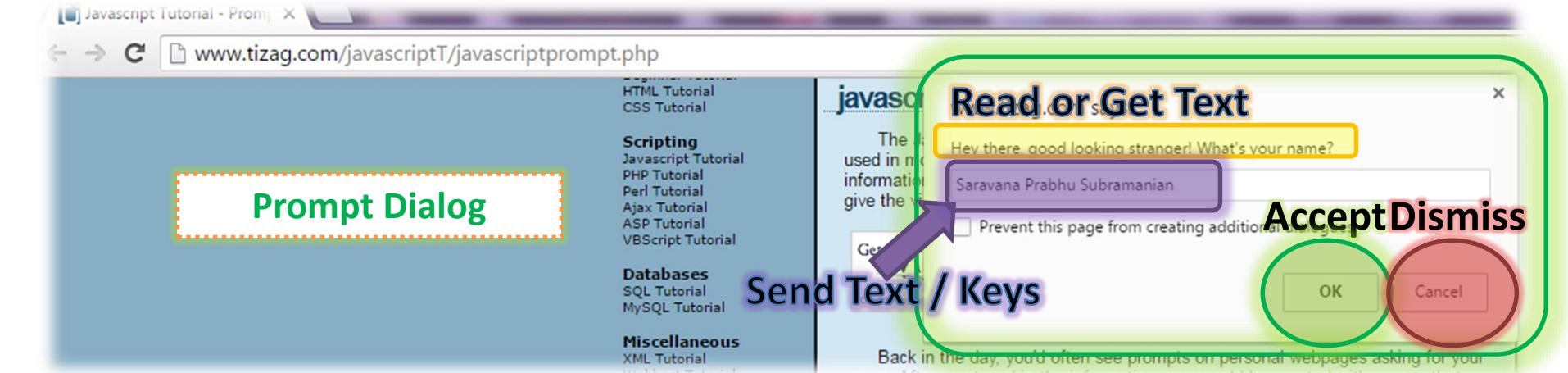
OK

Cancel

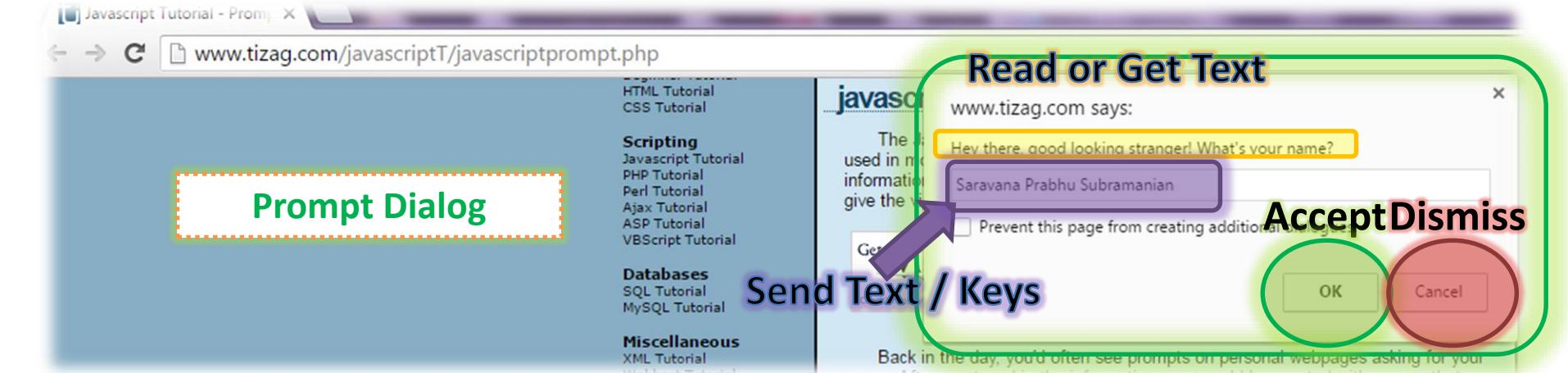
```
driver.switchTo().alert().accept();
```

```
driver.switchTo().alert().dismiss();
```

```
String txt = driver.switchTo().alert().getText();
```



# driver.switchTo().alert().???



```
driver.switchTo().alert().accept();
```

```
driver.switchTo().alert().dismiss();
```

```
String txt = driver.switchTo().alert().getText();
```

```
driver.switchTo().alert().sendKeys("the txt");
```

# Exceptions!!!

- When?
  - Alert is present in Application Under Test (AUT)  
But NOT handled (*or Unhandled*) in the code!
  - Alert is NOT present in AUT  
But there is code w.r.t handling Alert!

# UnhandledAlertException

IRCTC Next Generation eT Saravana

Indian Railway Catering and Tourism Corporation Ltd [IN] https://www.irctc.co.in/eticketing/userSignUp.jsp

Indian Railway Catering and Tourism Corporation Limited  
A Government of India Enterprise

Feed-on-Track E-Bedroll Cab / Bus IRCTC OYO Hotels E-Wheelchair Flight Tickets Accommodations Mobile Apps

Facility for cancelling Counter ticket and acceptance of International Cards launched on IRCTC

Individual Registration \* mandatory

GARBAGE/JUNK VALUES IN PROFILE MAY LEAD TO DEACTIVATION  
Please use a valid E-Mail ID and mobile number in registration.

User ID\*  Check Availability  
Between 3 to 10 character. Only letter, number and underscore are allowed.

Password\*  Min 8 character & Max 15 character. Password must contain atleast one small & one capital alphabet and numeric digit.

Confirm Password\*

If you forgot your password, we will identify you with this information  
Security Question\*  Select your Security Question  
Security Answer\*   
Preferred Language\* English

**Personal Details**

First Name\*   
Middle Name  (Optional)  
Last Name\*   
Gender\*  Male  Female  
Marital Status\*  Married  Unmarried  
Date Of Birth\* 01 JAN 1998  
Occupation\*  Select Occupation  
 (Optional)

Aadhaar Card No  
PAN Card  
Email\*   
Mobile\* +91

Nationality\*  Select a Nationality

**Residential Address**

Flat/Door/Block No.\*   
Street/Lane  (Optional)  
Area/Locality  (Optional)

Country\*  Select a Country  
pin code\*   
state\*   
City/Town\*  Select city  
Post Office\*  Select a Post Office  
phone\*   
Copy Residence to office Address  Yes  No

Type code shown  Y9HR9   
Captcha letters are case sensitive and to be entered in Upper Case only

Subscription to IRCTC New letters/ Promotions/IRCTC SBI Card through email/ SMS  
IRCTC Newsletters  
Commercial Promotions  
Please inform me about IRCTC SBI Card through phone\*

Yes  No  
 Yes  No  
 Yes  No

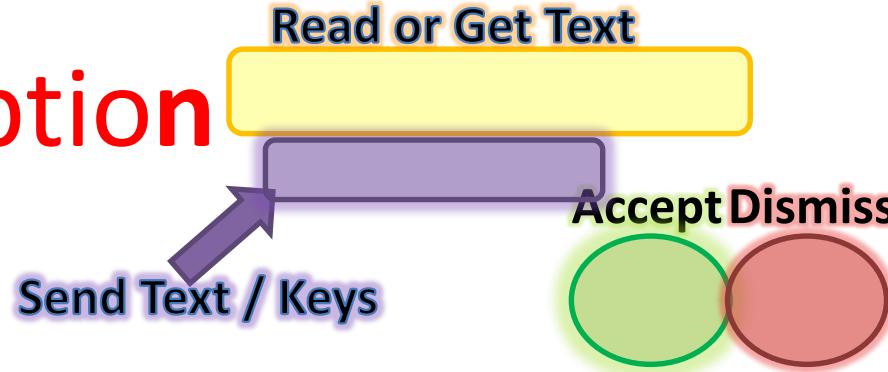
**Submit Registration Form>>>**

VeriSign MasterCard AMERICAN EXPRESS SafeKey Rupay irctc.com

Copyright © 2016 - www.irctc.co.in All Rights Reserved  
Designed and maintained by CRIS  
Version 5.0.0.4

Centre For Railway Information Systems (CRIS)  
(An organization of the Ministry of Railways, Govt. of India)

# NoAlertPresentException



```
driver.switchTo().alert().accept();
```

```
driver.switchTo().alert().dimiss();
```

```
String txt = driver.switchTo().alert().getText();
```

```
driver.switchTo().alert().sendKeys("the txt");
```

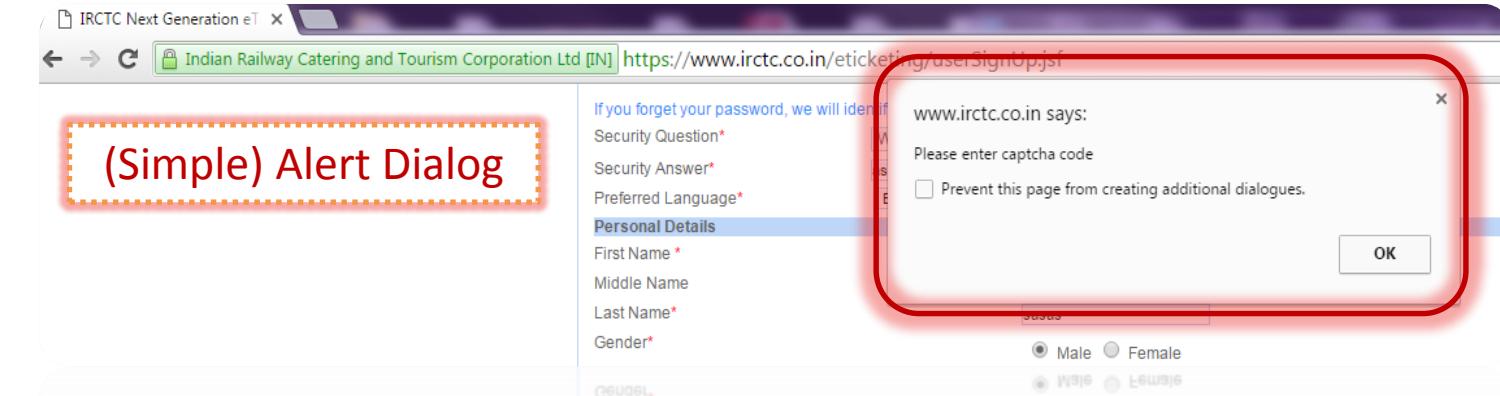
# Exceptions!!!

- **UnhandledAlertException**
  - Alert is present in Application Under Test (AUT)
  - But NOT handled (or Un Handled) in the code!
  - *org.openqa.selenium.UnhandledAlertException*
- **NoAlertPresentException**
  - Alert is NOT present in AUT
  - But there is code w.r.t handling Alert!
  - *org.openqa.selenium.NoAlertPresentException*

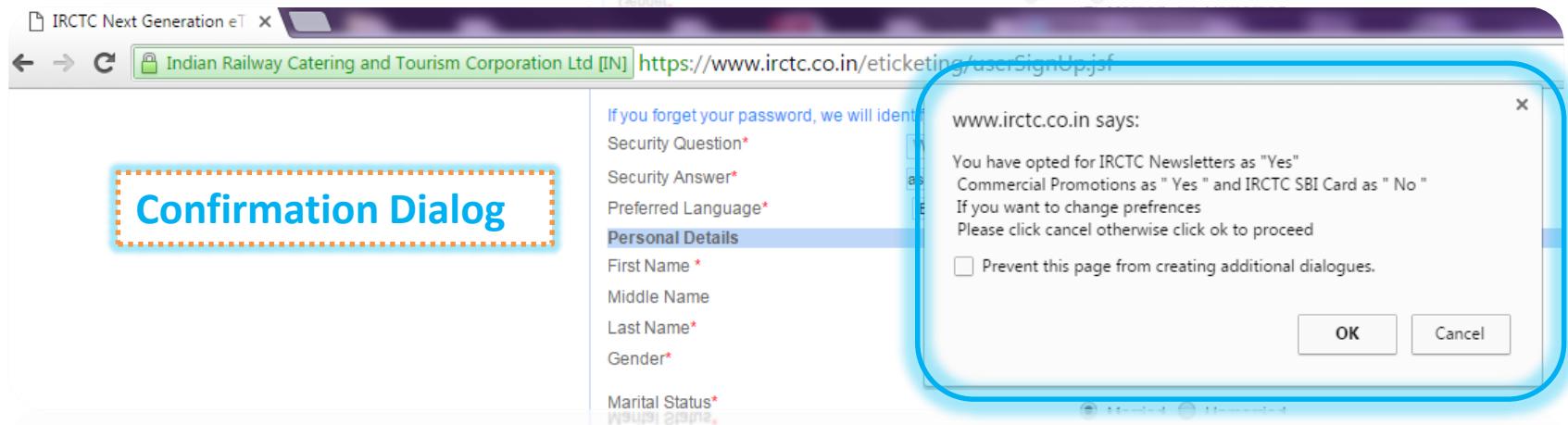


LET'S  
RECAP

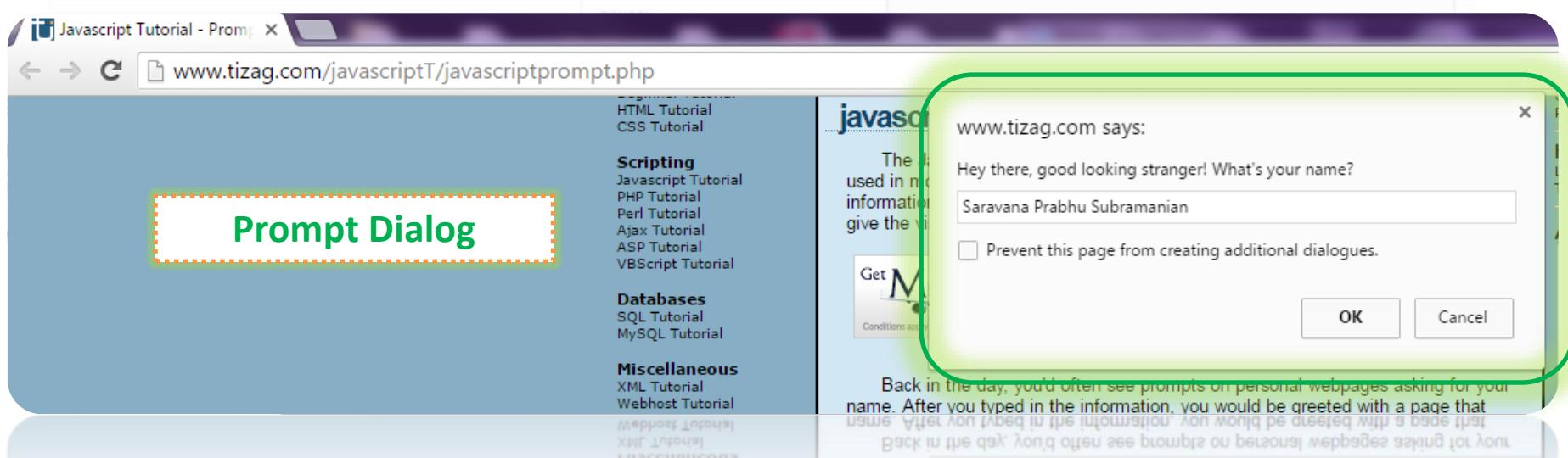
## (Simple) Alert Dialog



## Confirmation Dialog



## Prompt Dialog



- Modal Dialogs
  - Must attend to it!!!
  - Cannot Inspect
- What is Attend to mean here?
  - Switch To Alert Context
  - Perform the Action on the Alert

```
driver.switchTo().alert().accept();
```

```
driver.switchTo().alert().dismiss();
```

```
String txt = driver.switchTo().alert().getText();
```

```
driver.switchTo().alert().sendKeys("the txt");
```

# Exceptions!!!

- **UnhandledAlertException**
  - Alert is present in Application Under Test (AUT)
  - But NOT handled (or Un Handled) in the code!
  - *org.openqa.selenium.UnhandledAlertException*
- **NoAlertPresentException**
  - Alert is NOT present in AUT
  - But there is code w.r.t handling Alert!
  - *org.openqa.selenium.NoAlertPresentException*

# Questions

Inbox (9,439) - ssp.psg@gmail.com

https://mail.google.com/mail/u/0/#inbox?compose=new

# Handling Window Dialogs

Gmail

Compose

Inbox (9,439)

Starred

Sent Mail

Saravana

rashi ga

Vishnu jai gurud

Eers Hs Invitat

Karthik

Ekta La

billakanti

srinu ric

Ishwary Sure sir

Ganapati You: sam

Archive You v

balu, Kiran

Tournament team I

Deepak: i got a call fror

ravi, Ashima, Sukril

Chenthill P ss sir

i vote for a better in

Deepak Lanka

Open Desktop

Organize New folder

Name Size Item type Date modified

VI Issue.txt 126 KB Text Docu... 19-05-2016 10:39

TP2 - VI Connection.txt 126 KB Text Docu... 19-05-2016 10:31

RE 314867 Recipe Generation Dialog reflects Device Layer when Config xml is... 71 KB Outlook It... 19-05-2016 10:25

13227305\_1164353860254947\_6615697170449151846\_o.jpg 119 KB JPEG image 18-05-2016 17:48

13255992\_1164291493594517\_9216519973366606800\_n.jpg 119 KB JPEG image 18-05-2016 17:46

13248573\_1164293143594352\_1248353711064744488\_o.jpg 145 KB JPEG image 18-05-2016 17:46

Device Layer in Flat.png 201 KB PNG image 18-05-2016 17:23

Recipe Generation Missing.png 88 KB PNG image 18-05-2016 14:15

Exceptions in Exception Log Viewer When Launching 53 build on TA2.txt 8 KB Text Docu... 12-05-2016 17:10

AdminUI\_Log.txt 22 KB Text Docu... 10-05-2016 19:40

Dist.png 87 KB PNG image 10-05-2016 19:36

Error in TeslaAMQ.txt 5 KB Text Docu... 10-05-2016 10:27

Error\_AMQ.png 726 KB PNG image 10-05-2016 10:16

Tag Not Found.png 73 KB PNG image 09-05-2016 16:37

New passcode is now available for case id 0500954401.msg 48 KB Outlook It... 09-05-2016 00:06

Records Management Folder 2 KB Shortcut 07-05-2016 22:28

WithWafer\_Passed.txt 4 KB Text Docu... 04-05-2016 17:14

RE Tesla codedui Regression.msg 81 KB Outlook It... 04-05-2016 17:04

RE Tesla AMQ - 21 1 052 Few test cases failed in repeat#2 (which were passe... 133 KB Outlook It... 28-04-2016 01:35

PM Service UI.png 60 KB PNG image 27-04-2016 14:13

Error Tesla AMQ.txt 26 KB Text Docu... 26-04-2016 14:15

All Files Open Cancel

CommonFloor (2) Response to your property listing: 2BHK Apartment for Rent in Saravanampatti,

me, Sakthivel (2) Requesting Details - testleafcustomer@gmail.com leaf@123 On 15 May 2016 7:22 pm

CommonFloor (2) Response to your property listing: 2BHK Apartment for Rent in Saravanampatti,

Sunstone Learning Courses Your decision about joining Sunstone Program - Hi Saravana, We would like to give

Dhaya, me (4) Need your support - Planning to Post Pone my Selenium Training - Dear Goutham, Th

vs devi My strengths and Weakness - STRENGTHS: 1. Confidentiality and complaint handling

Send

Forums 4 new 'Suresh babu Kp' via Chennai teache...

May 20

May 20

May 19

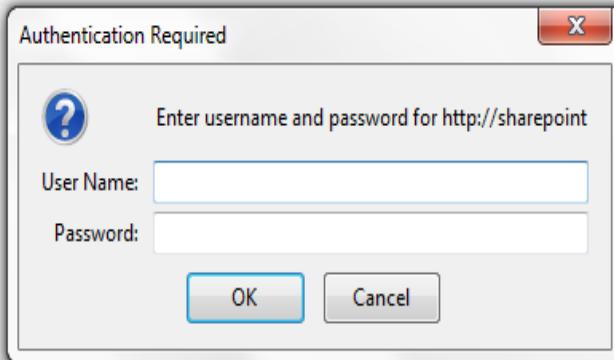
May 19

May 19

Connecting... × +

sharepoint/div/win/WINSQC\_AUT/Status%20Update/Forms/AllItems.aspx | × Search

- <http://username:password@example.com/>
- [http://ssp:star123@sharepoint/div/win/WINSQC\\_AUT/AllItems.aspx](http://ssp:star123@sharepoint/div/win/WINSQC_AUT/AllItems.aspx)



The screenshot shows a web browser window with a progress bar at the top. The address bar contains the URL "sharepoint/div/win/WINSQC\_AUT/Status%20Update/Forms/AllItems.aspx". A search bar is also present in the header. Below the header, there is a list of two items, both of which are underlined and blue, indicating they are links. The second link is identical to the one in the address bar. A modal dialog box titled "Authentication Required" is displayed in the center of the screen. It contains a question mark icon, a message instructing the user to enter their username and password for the SharePoint site, and input fields for "User Name" and "Password". There are "OK" and "Cancel" buttons at the bottom of the dialog.

# Handling Sweet Alerts

← → C t4t5.github.io/sweetalert/

# Sweet Alert

A BEAUTIFUL REPLACEMENT FOR JAVASCRIPT'S "ALERT"

## SO... WHAT DOES IT DO?

Here's a comparison between the standard JavaScript alert function, while the

second is using sweet



Oops...

Something went wrong!

OK

CODE:  

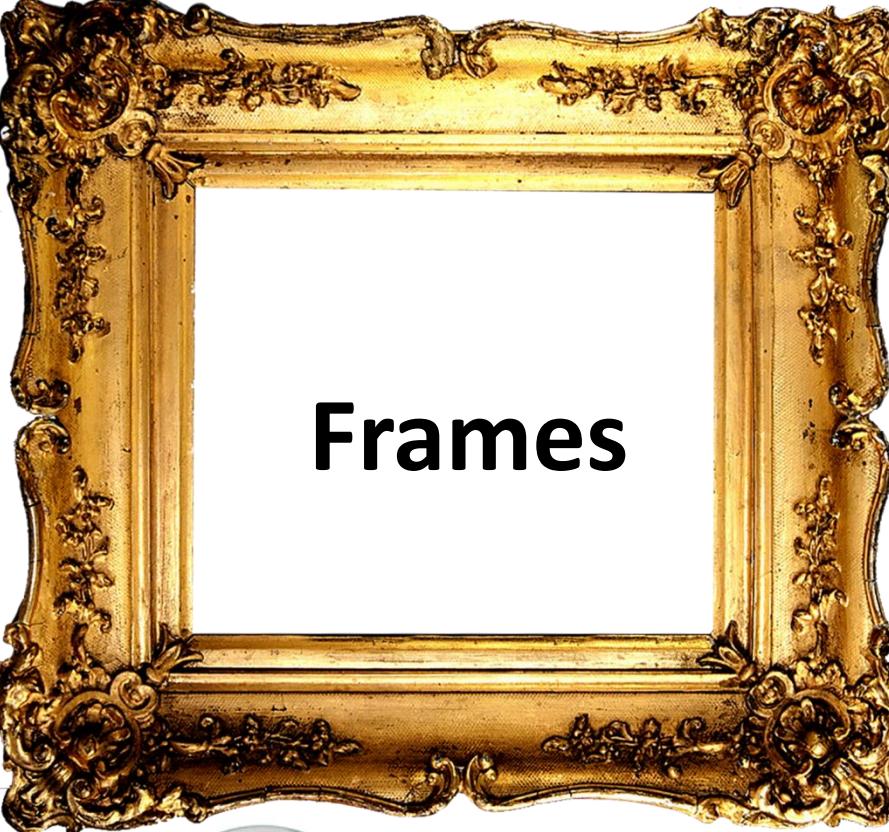
```
alert("Oops... Something went wrong!");
```



Pretty cool huh? SweetAlert automatically centers itself on the page and looks great no matter if you're using a desktop computer, mobile or tablet. It's even highly customizable, as you can see below!

# Additional References

- Try hands on
  - (Must Refer) [http://www.w3schools.com/js/js\\_popup.asp](http://www.w3schools.com/js/js_popup.asp)
  - [http://www.w3schools.com/js/tryit.asp?filename=tryjs\\_alert](http://www.w3schools.com/js/tryit.asp?filename=tryjs_alert)
  - [http://www.w3schools.com/js/tryit.asp?filename=tryjs\\_confirm](http://www.w3schools.com/js/tryit.asp?filename=tryjs_confirm)
  - [http://www.w3schools.com/js/tryit.asp?filename=tryjs\\_prompt](http://www.w3schools.com/js/tryit.asp?filename=tryjs_prompt)
  - <http://t4t5.github.io/sweetalert/>
- How to Handle Windows Dialog?
  - (Must Refer) <https://www.youtube.com/watch?v=NXhi5QwY4mk>
  - (Must Refer) <https://www.seleniumeasy.com/selenium-tutorials/webdriver-file-upload-using-robots>
  - <http://www.joecolantonio.com/2014/07/02/selenium-autoit-how-to-automate-non-browser-based-functionality/>
- If you want to create Alerts/Confirmation/Prompt in your website
  - <http://codetutorial.com/javascript/javascript-dialog-box>



**Frames**



**CONCEPT**