What is Glide Form and usage (g_form)

The Glide Form is client side API, mainly used to change default behavior of the current record
GlideForm methods are only running on the client side (Browser).

The global object g_form is used to access GlideForm
These methods are used to make custom changes to the form view of records. All validation of examples was done using Client Scripts.
g_form methods frequently using in Client Scirpts
g_form methods can use in catalog client script also

Glide Form Methods

setValue()

getFormElement()

getValue()

getSection()

addOption()

getTableName()

removeOption()

getUniqueValue()

addInfoMessage()

hideRelatedLists()

addErrorMessage()

isMandatory()

clearMessage()

save()

clearOptions()

submit()

disableAttachments()

setDisabled()

enableAttachments()

setDisplay()

Flash()

setMandatory()

getActionName()

setVisible()

getControl()

setReadOnly()

getElement()

setSectonDisplay()

showErrorBox()

showRelatedList()

showFieldMsg()

showRelatedLists()

addDecoration()

isNewRecord()

removeOption()

hideFieldMsg()

   Practically work with these all methods

Glide Form Exercises

Navigate Incident table
Open one existing record
Click on Ctrl+Shift+j   Ctrl+Shift+J
Open Java Script Executor
Run our code here

Working with getValue () method
  This method is used to get specific field value from current form.

Alert (g_form.getValue ('category')); //Alert is used to print the out put

Working with setValue () method
     Sets the value of specific field.

      alert (g_form.getValue ('category'));

     g_form.setValue ('category', 'hardware');

Working with setDisabled () method
     This method is used to field make Read only

```
        g_form.setDisabled ('category', true);
```

Note: UI Policy is best practice instead of using this method

Working with setMandatory () method
        This method is used to a field make Mandatory

```
      g_form.setMandatory ('category', true);
```

Note: UI Policy is best practice instead of using this method

Working with setDisplay () method
    This method is used to Hide and Un hide specific fields

```
      g_form.setDisplay ('business_service', false);
```

Note: UI Policy is best practice instead of using this method

Working with setVisible () method
      This method is used to Hide field and maintain the space

```
      g_form.setVisible ('subcategory', false);
```

Working with isMandatory () method
        Defines whether the particular field is mandatory and must contain a value
before the record can be saved or submitted display bullion (True/False)

```
        g_form.isMandatory ('category');
```

Working with addInfoMessage() method
        Add information message on top of the form

```
      g_form.addInfoMessage ('please fill all mandatory fields');
```

Working with addErrorMessage() method
    Add an error message on top of the form

```
    g_form.addErrorMessage ('Fill mandatory fields');
```

10. Working with disableAttchments () method

   Prevents the user attachment icon being hide

   g_form.disableAttachments ();

11. Working with enableAttchments () method

  Allows customer file attachments to be added. Shows the paper clip icon.

 g_form.enableAttachments ();

12. Working with clearMessages () method

  Removes all informational and error messages from the top of the form.

  g_form.addInfoMessage () and g_form.addErrorMessage ().

  g_form.clearMessages ();

13. Working with addOption () method

   Add a new choice to respective field depends on requirement

   g_form.addOption ('priority', '6', '6 - Really Low');

14. Working with removeOption () method

   Remove a choice from respective field depends on requirement.

   g_form.removeOption ('impact', 4);

15. Working with clearOption () method

Removes all options from the choice list.

g_form.clearOptions ('category');

16. Working with clearValue () method

Remove value from specific field on the form

g_form.clearValue('category');

17. Working with hideRealtedLists () method

This method will hide all related lists on form

```
g_form.hideRelatedLists ();
```


18. Working with showRealtedLists () method

This method will show all related lists on form

```
g_form.showRelatedLists ();
```


19. Working with isNewRecord () method

If record is new true the record has never been saved.

```
g_form.isNewRecord ();
```


20. Working with showFieldMsg () method

This method will display Informational or Error or Warn message under the specified form field (either a control object or the name of the field). If the control or field is off the screen, the form is scrolled to the field.

The showErrorBox () method is an alternate method that does not require the type parameter.

```
g_form.showFieldMsg ('cmdb_ci','Atleast select one service app','info');
```


21. Working with hideFieldMsg () method

This method will hides the last message placed by showFieldMsg ().

When true, all messages for the field are cleared. When false, only the last message is removed.

```
g_form.hideFieldMsg('impact')//Only the last message is removed.
```

```
g_form.hideFieldMsg('impact', true);//When true, all msgs for the field are cleared
```


22. Working with hideRelatedList () method

Hides the specified related list on the form.

```
g_form.hideRelatedList ('incident'); //Pass related list table name
```


23. Working with showRelatedList () method

Hides the specified related list on the form.

```
g_form.showRelatedList ('incident'); //Pass related list table name
```


24. Working with getSections () and setSectionDisplay () method

Display an array of the form's sections, which are available.

```
function onChange (control, oldValue, newValue, isLoading) {

    //this example was run on a form divided into sections (Change form)

    // and hid a section when the "state" field was changed

    var sections = g_form.getSections();

    if (newValue == '2') {

        g_form.setSectionDisplay(sections[1], false);

    } else {

        g_form.setSectionDisplay(sections[1], true);

    }
}
```


25. Working with getTableName () method

  Returns the name of the table to which this record belongs.

```
    alert (g_form.getTableName ());
```


26. Working with getUniqueValue () method

It will return the sys_id of the record displayed in the form.

```
alert (g_form.getUniqueValue ());
```


27. Working with addDecoration () method
Adds an icon on a field's label.

Adding the same item twice is prevented; however, you can add the same icon with a different title.

```
g_form.addDecoration ('caller_id', 'icon-star', 'Mark as Favorite', 'color-green');
```

28. Working with flash () method
This method is used to Flashes the specified color for a specified duration of time in the specified field.

```
g_form.flash ('incident.number', '#FFFACD', 0);
```