***EDUCATIONAL ORGANIZATIONUSING SERVICE NOW***

**TEAMID - NM2025TMID17232**

**GROUP LEADER: M.SOMASUNTHARAM**

**GROUPMEMBERS:**

* **1. SARAVANAN.S**
* **2. SARAN.A**
* **3. PRIYADHARSHAN.S**

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INTRODUCTION

**A leading institution dedicated to empowering students and faculty through innovative learning experiences.LeveragingServiceNow'scutting-edge technology, we've streamlined our operations to enhance student engagement, faculty support, and administrative efficiency. Our platform enables seamless management of student services,incident resolution, and knowledge sharing, fostering a collaborative and productive environment.**

## SETTINGUPSERVICENOWINSTANCE

* **SettingUpServicenowInstance**
* **signingupontheServiceNowDevelopersite requesting**
* **Apersoninstance,fillingdetailsandreceivinglogin credentials via email.**
* **Onceloggedin,userscanaccessandnavigate Service Now for further project development**

# CREATINGAUPDATESET

**Step1: Login to your Service Now instance.NavigatetoSystemUpdateSets Step2: ClickNew**

**Step3:EnteraNameforyourupdateset( “Welcome to Service Now Update Set").**

**Step4:EnteraDescriptionforyourupdateset Step5: Click Submit**



# CREATEATABLE

1. **CREATINGSALESFORCETABLE**

Step 1- All>>Tables Step2-Clickonnew

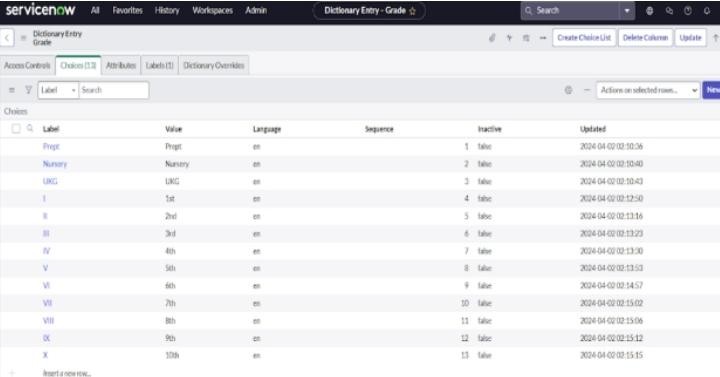
Step3-EntertheLabel(Anythingyouwant)Salesforce>> Click on Name it willAutomatically generateApiname.

Step4-DoubleClickonColumnlabeland Enter the Column labels and click on the tickmark>>GiveTypeas given

**Step5-For“AdminNumber”GiveDisplayasTrue and right click on the toggle bar on top>>save Step 6- Click on controls>>Enable Extensible Step7-ClickonAdminNumbercolumn,InRelated Links ClickonAdvanced View>> Default View (Enable Use dmynamic default)>> select Padded Number in Dynamic default value >>Update**

**Step8- Clickon“ Grade” Column>>Clickon Choices and give Label,Value**

**andSequenceasgivenbelow**

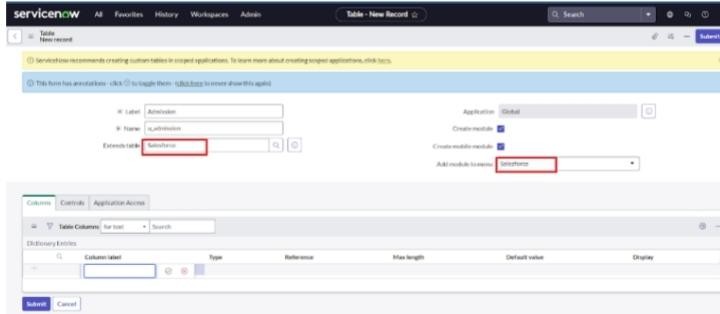


# CREATEADMISSIONTABLE

**Step1-CreateanAdmissionTablewith Columns given.**

**Step2-SelectExtendsTable>>Salesforce and also Select Add module to menu>>Sales force**

**Step3-CreateFieldsasshown**



**Step 5- Crea techoice for pincode Step6-CreatechoiceforPurposeof Join**

**Step7-CreatechoiceforSchool**

**Step8-CreatechoiceforSchoolArea**

# FORMLAYOUT

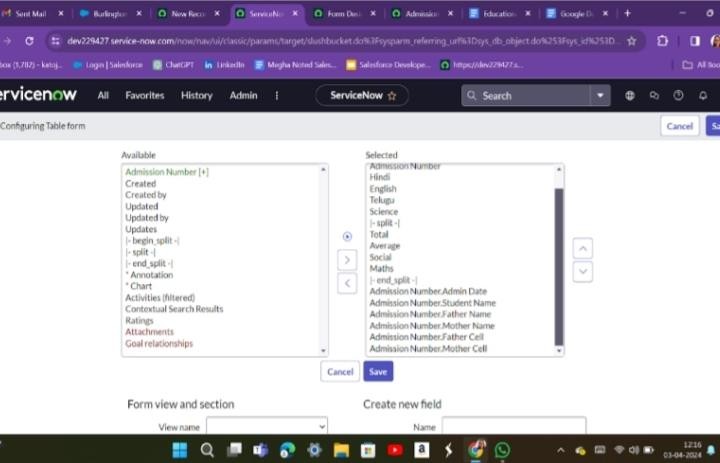
**ConfiguringTableformforStudentprogress Table**

Step1-IntheStudentProgresstablePage,ClickonLayout form.

Step2-ClickonAdmissionNumber[+]

Step3-SelectbelowAdmissionNumberfieldsinAvailable side and send it

toselectedsideasbelow>>save.



# FORMDESIGN

1. **CreatingFormDesignforSalesforceTable**

Step1-All>>SystemDefinition>>Tables.

Step2-InLabelSearchforSalesforceandopen.

Step3-RightClickontopToggle>>Configure>>Form Design.

Step 4- In drop down select Sales force(u\_salesforce). Step5-Draganddropthefeldstotheleftsideasbelow



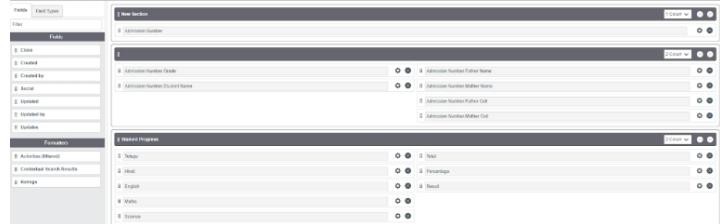
## CreatingFormDesignforAdmissionTable

**Follow the same step asActivity1 , Configure the field sa below and Save.**



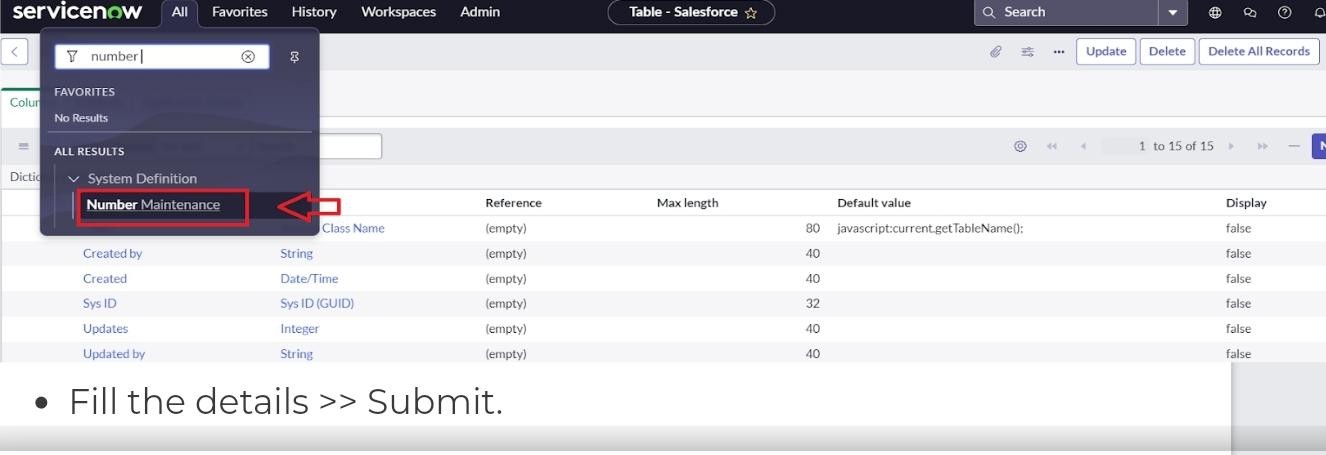
1. **CreateFormDesignforStudprogressTable**

FollowthesamestepasActivity1,Configurethefieldsas below and Save.



# NUMBERMAINTENANCE

Step1-All>>NumberMaintenance>>New Step 2- Fill the details>>Submit.



# PROCESSFLOW

Step1-All>>ProcessFlow>>New. Fill the Details as given Below

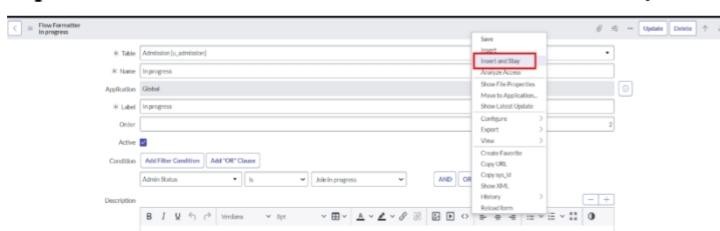
Step2-RightClickontoggleandclickonthesave.

Step3-ReplacetheNameandLabelasbelowandclickon Insert on stay.

Step4-ReplacetheNameandLabelinorderandclickon Insert on stay.

Step5-Joined>>Rejected>>Rejoined>>Closed>>Cancelled.

Step6-OrdershouldbeNew>>InProgress>>Joined>> Rejected >>Rejoined >> Closed >> Cancelled.



## CLIENTSCRIPT

1. **Creating“Autopopulate”ClientScriptsfor Admission Table**

**Step1-All>>ClientScripts>>New. Step 2- Fill the Details as given.**

**Step3-WritetheCodeasbelow,EnableIsolatescriptandSave. function onChange(control, oldValue, newValue, isLoading, isTemplate)**

**{**

**if(isLoading||newValue===''){ return;**

**}**

//Type appropriate comment here, and begin script below var a = g\_form.getReference('u\_admission\_number'); g\_form.setValue('u\_admin\_date',a.u\_admin\_date); g\_form.setValue('u\_grade',a.u\_grade); g\_form.setValue('u\_student\_name',a.u\_student\_name); g\_form.setValue('u\_father\_name',a.u\_father\_name); g\_form.setValue('u\_mother\_name',a.u\_mother\_name); g\_form.setValue('u\_father\_cell',a.u\_father\_cell); g\_form.setValue('u\_mother\_cell',a.u\_mother\_cell); g\_form.setDisabled('u\_admin\_date',a.u\_admin\_date);

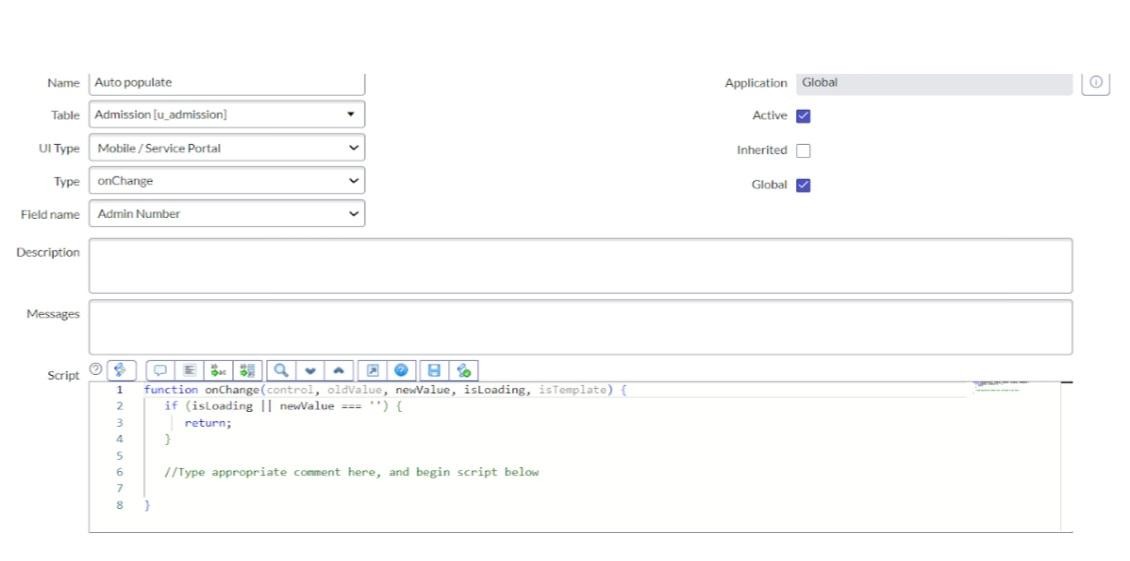
g\_form.setDisabled('u\_grade',a.u\_grade);

g\_form.setDisabled('u\_student\_name',a.u\_student\_name); g\_form.setDisabled('u\_father\_name',a.u\_father\_name);

g\_form.setDisabled('u\_mother\_name',a.u\_mother\_name); g\_form.setDisabled('u\_father\_cell',a.u\_father\_cell);

g\_form.setDisabled('u\_mother\_cell',a.u\_mother\_cell);

}



FilltheDetailsas given

1. **Creating“PincodeUpdate”Client**

**ScriptsforAdmissionTable**

Step1-FilltheDetailsasgiven

Step2-WritetheCodeasbelow,EnableIsolatescript and Save.

functiononChange(control,oldValue,newValue, isLoading, isTemplate) {

if(isLoading||newValue===''){ Return;

**}**

vara=g\_form.getValue('u\_pincode'); if(a == '509358')

{

g\_form.setValue('u\_mandal', 'kadthal'); g\_form.setValue('u\_city', 'kadthal'); g\_form.setValue('u\_district','RangaReddy');

}

elseif(a=='500081')

{

g\_form.setValue('u\_mandal', 'karmanghat'); g\_form.setValue('u\_city', 'karmanghat'); g\_form.setValue('u\_district','RangaReddy');

**{**

**elseif(a=='500079')**

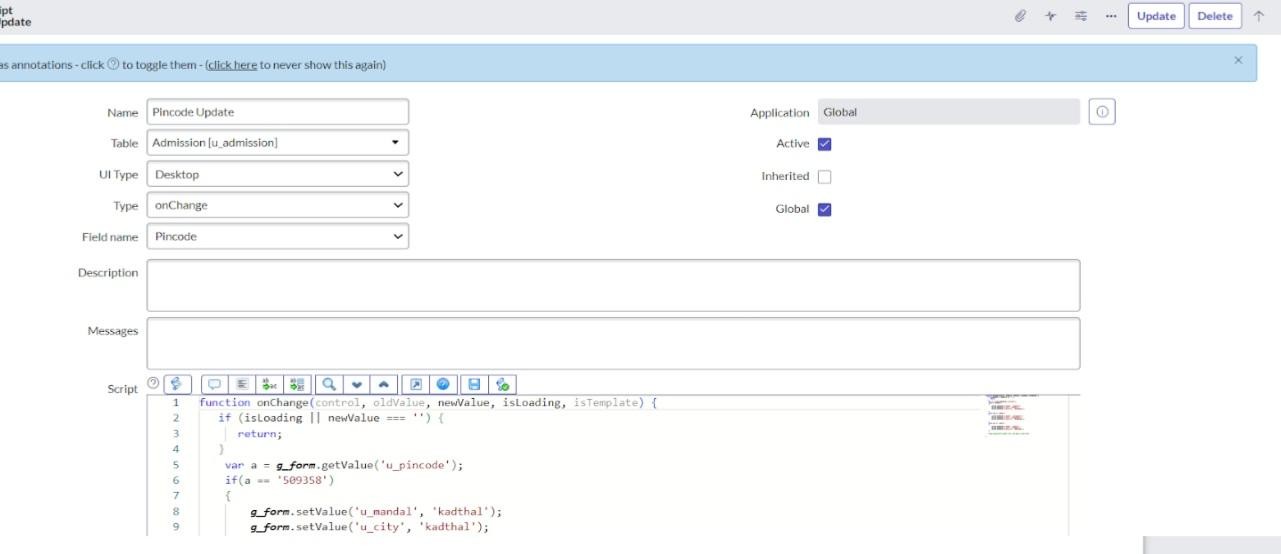
**{**

**g\_form.setValue('u\_mandal', 'Abids'); g\_form.setValue('u\_city', 'AsifNagar'); g\_form.setValue('u\_district', 'Hyderabad');**

**}**

**//Typeappropriatecommenthere,andbegin script below**

**}**



1. **Creating“DisableFields”ClientScriptsfor Student progress Table**

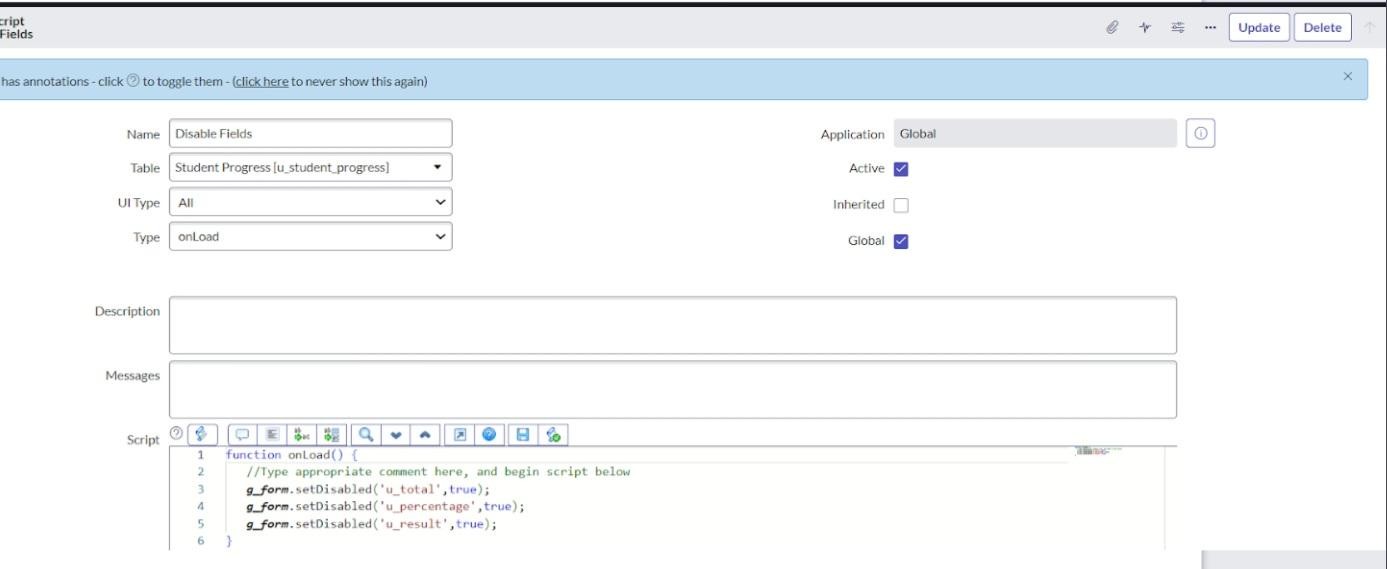
Step1-FilltheDetailsasgiven.

Step2-WritetheCodeasbelow,EnableIsolatescript and Save.

functiononLoad(){

//Typeappropriatecommenthere,andbeginscriptbelow g\_form.setDisabled('u\_total',true); g\_form.setDisabled('u\_percentage',true); g\_form.setDisabled('u\_result',true);

**}**



1. **Creating“TotalUpdate”ClientScriptsfor Student progress Table**

Step1-filltheDetailsas given.

Step2-WritetheCodeasbelow,EnableIsolatescriptand Save.

functiononChange(control,oldValue,newValue,isLoading, isTemplate) {

if(isLoading||newValue===''){ return;

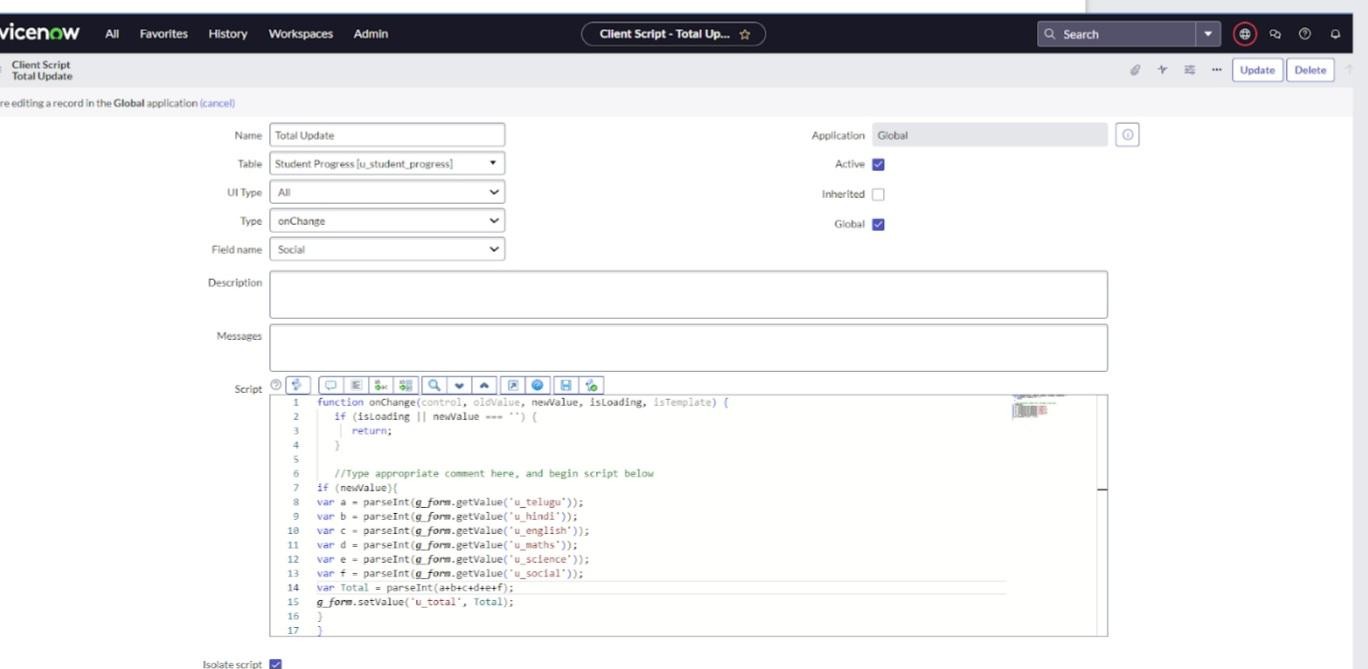
}

//Type appropriate comment here, and begin script below if (newValue)

{

var a = parseInt(g\_form.getValue('u\_telugu')); var b = parseInt(g\_form.getValue('u\_hindi')); var c = parseInt(g\_form.getValue('u\_english')); var d = parseInt(g\_form.getValue('u\_maths')); vare=parseInt(g\_form.getValue('u\_science')); var f = parseInt(g\_form.getValue('u\_social')); var Total = parseInt(a+b+c+d+e+f); g\_form.setValue('u\_total', Total); }

}



1. **Creating“Result”ClientScriptsforStudent progress Table**

Step1-FilltheDetailsasgiven.

Step2-WritetheCodeasbelow,EnableIsolatescript and Save

functiononChange(control,oldValue,newValue, isLoading, isTemplate) {

if(isLoading||newValue===''){ return;

**}**

//Type appropriate comment here, and begin script below if(newValue) {

var a = parseInt(g\_form.getValue('u\_percentage')); // Convert the value to an integer for comparison

if(a >= 0 && a <= 59){ g\_form.setValue('u\_result','Fail');

} else if(a >= 60 && a <= 100) { g\_form.setValue('u\_result','Pass');

}else{

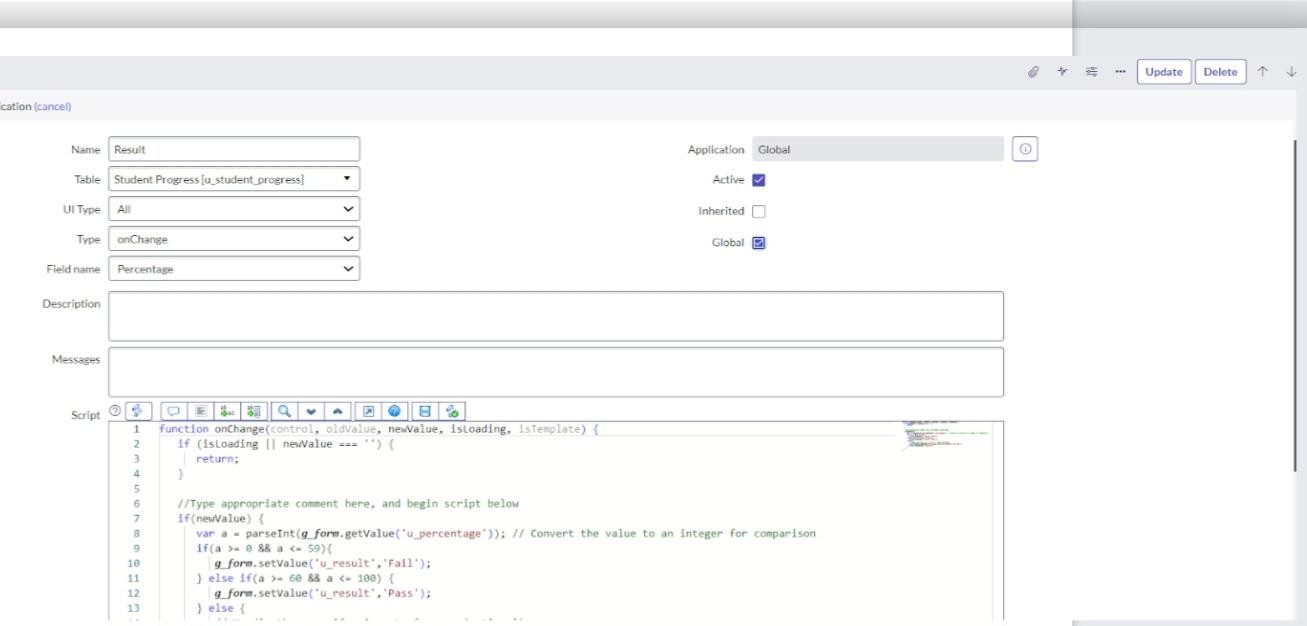
// Handle the case if a is out of range (optional) g\_form.addErrorMessage('Percentage should be

between0and100.');

g\_form.clearValue('u\_result');}

}

}



1. **Creating“Percentage”ClientScriptsfor Student progress Table**

Step1-FilltheDetailsasgiven.

Step2-WritetheCodeasbelow,EnableIsolatescript and Save

functiononChange(control,oldValue,newValue, isLoading, isTemplate) {

if(isLoading||newValue===''){ return;

**}**

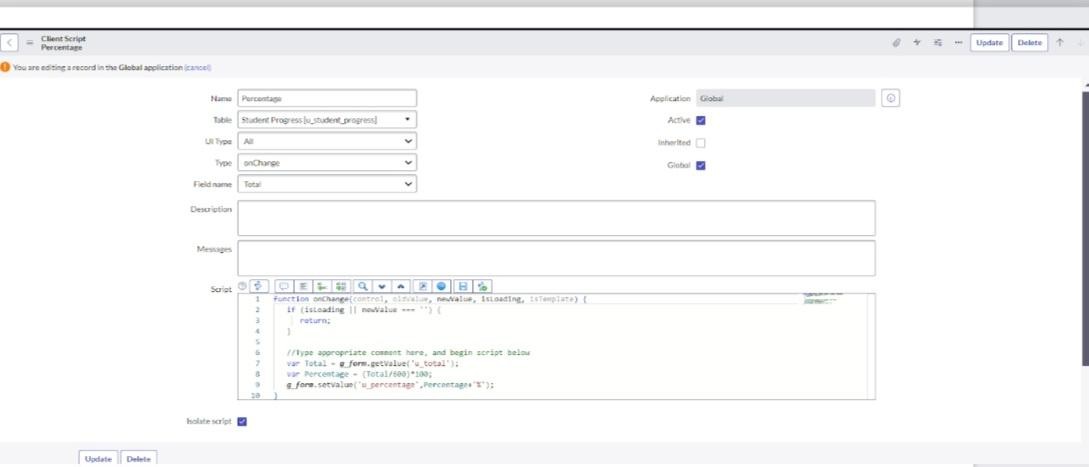
**//Typeappropriatecommenthere,andbegin script below**

**varTotal=g\_form.getValue('u\_total'); var Percentage = (Total/600)\*100;**

**g\_form.setValue('u\_percentage',Percentage+'**

**%');**

**}**



# CONCLUSION

**EducationOrganizationhassuccessfullyharnessedthepowerofServiceNow to transform our operations, enhance student experiences, and drive efficiency. By leveraging this innovative platform, we've created a more collaborative, productive, and student-centric environment. We're excited to continue exploring new ways to leverage ServiceNow to drive excellence in education."**

# CONCLUSION

Education Organization has successfully harnessed the power of ServiceNow to transform our operations, enhance student experiences, and drive efficiency. By leveragingthisinnovativeplatform,we'vecreatedamore collaborative, productive, and student-centric environment. We're excited to continue exploring new ways to leverage ServiceNow to drive excellence in education.”

**THANKYOU**