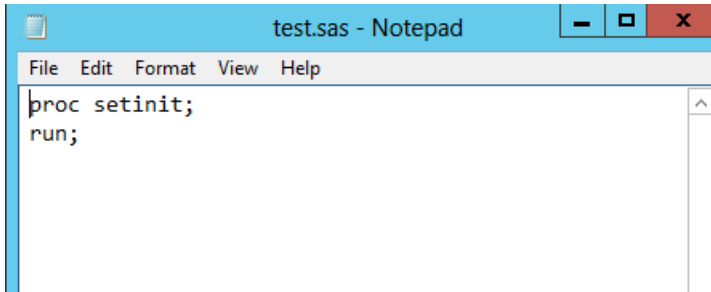


How to schedule sas code using SAS Management Console Scheduler Manager:

1) First create and save sas code

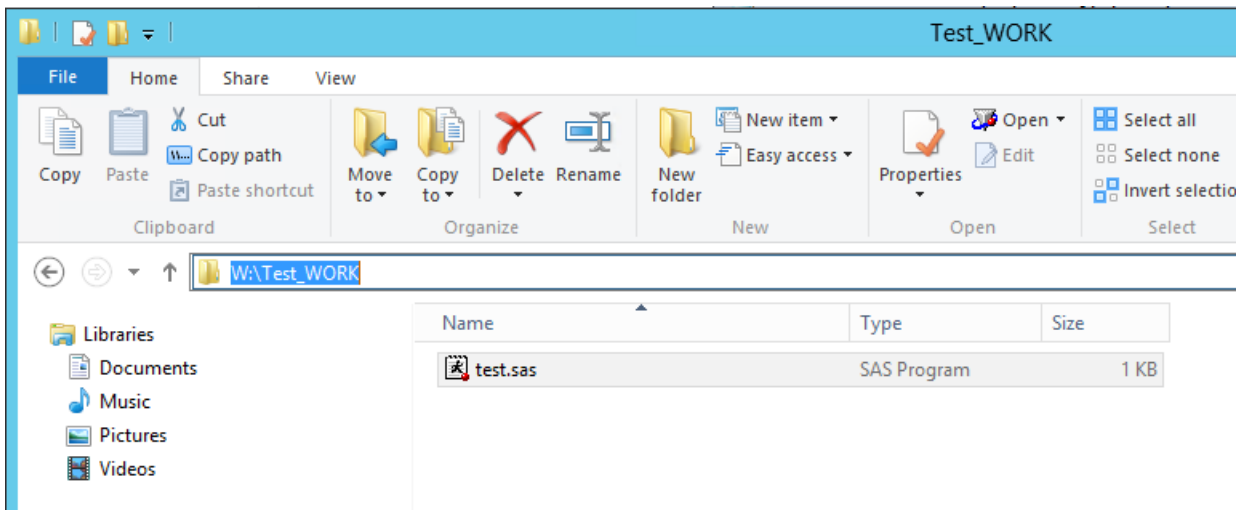
Screenshot:

i) For this article, we have just created a simple sas code

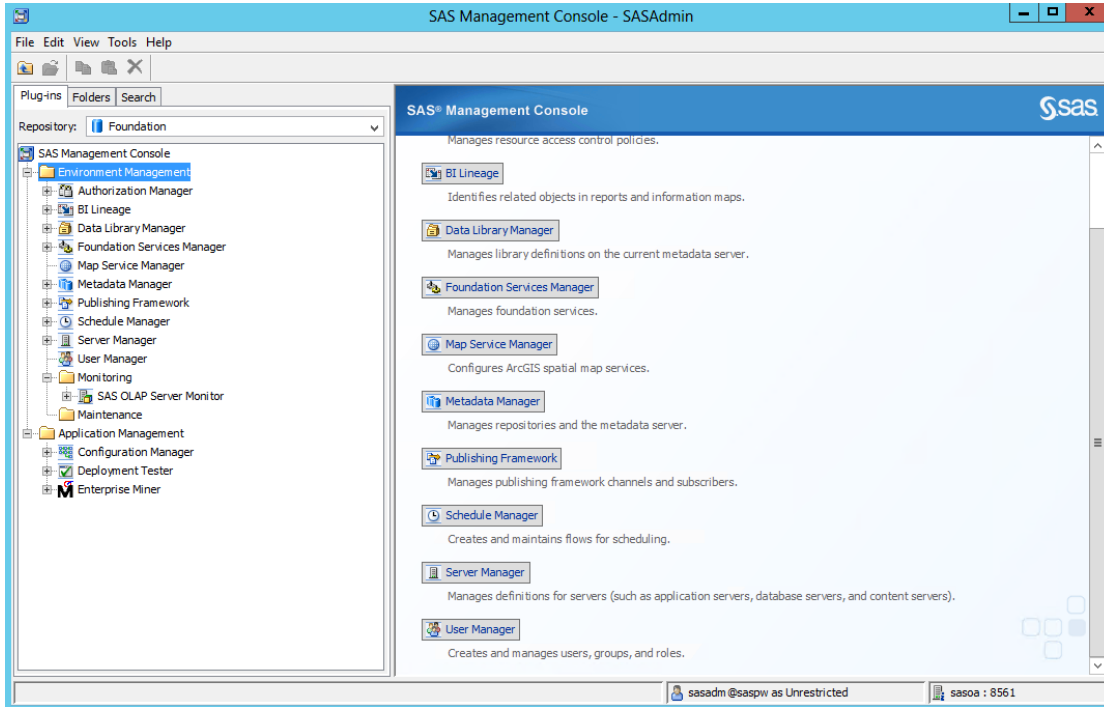


```
File Edit Format View Help
proc setinit;
run;
```

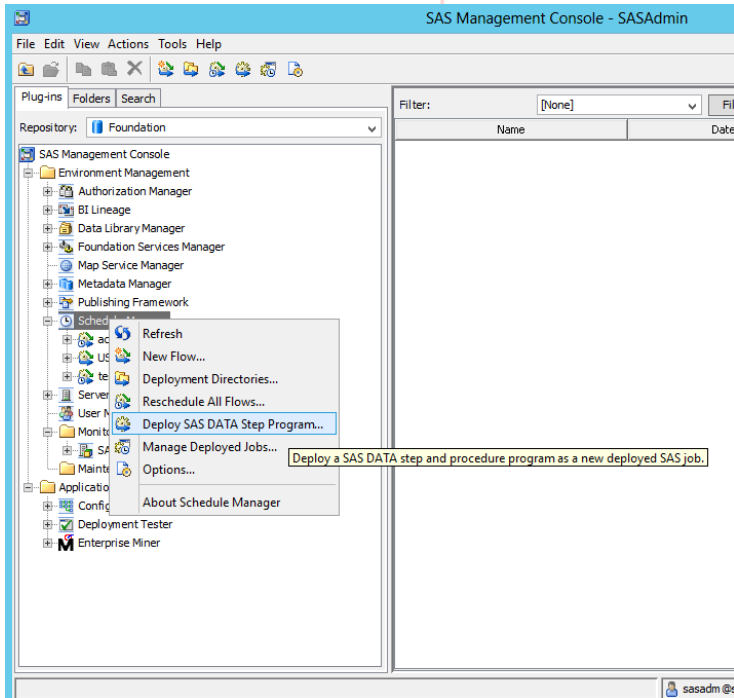
ii) To save in appropriate directory in our case we used "W:\Test_WORK" sasoa



2) Login to SAS Management Console with Unrestricted (or Admin ID) “sasadm@saspw” id

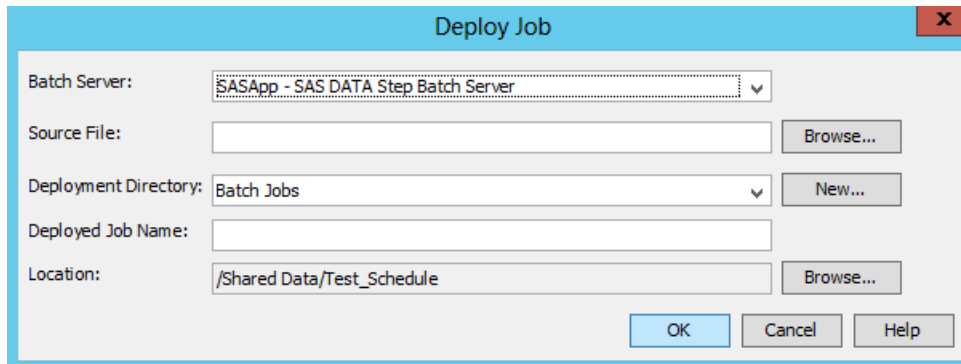


3) Expand Environment Management > Right click on **Schedule Manager** and choose “Deploy SAS DATA Step Program as a new deployed SAS job”

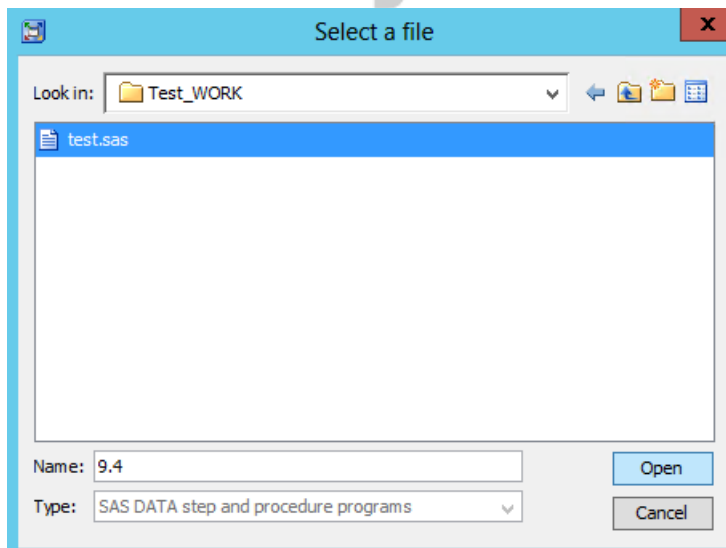
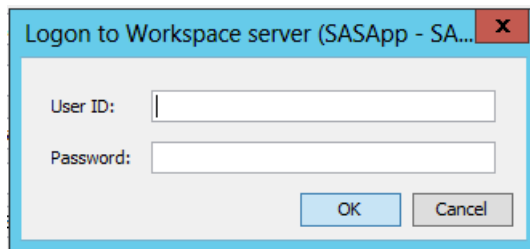


4) Please browse your sample sas code that is being scheduled

i) Deploy Job



ii) Browse for our sample code. You will be prompted for your credentials when you click on browse button (*Enter credentials of an external ID credentials that will run the code, in our lab we used "sasdemo" id*)



Deploy Job

Batch Server: SASApp - SAS DATA Step Batch Server

Source File: W:\Test_WORK\test.sas

Deployment Directory: Batch Jobs

Deployed Job Name: samplecode

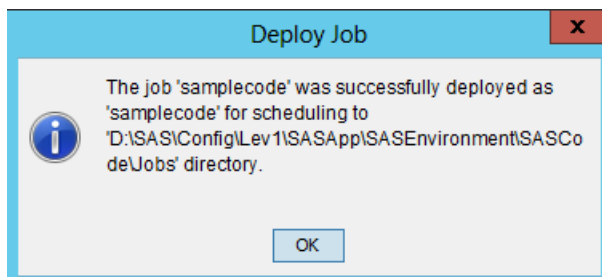
Location: /Shared Data/Test_Schedule

Enter a Job Name in the **Deployed Job Name**: we used “samplecode”

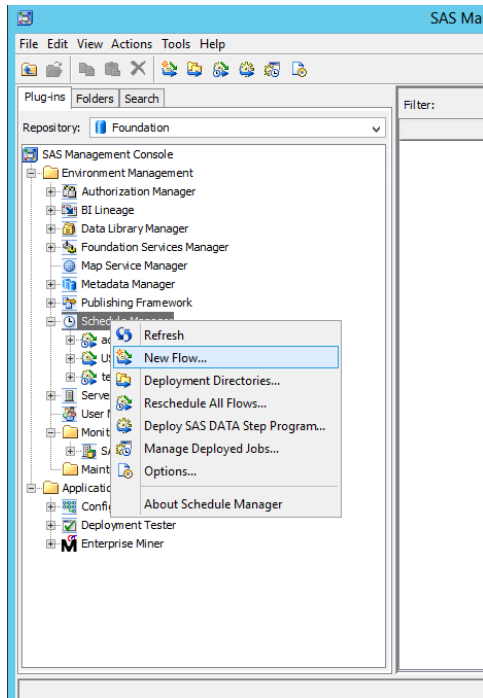
Enter Location: In our example, we used “/Shared Data/Test_Schedule”

iii) Click **OK**

Summary of entries is shown and status is shown



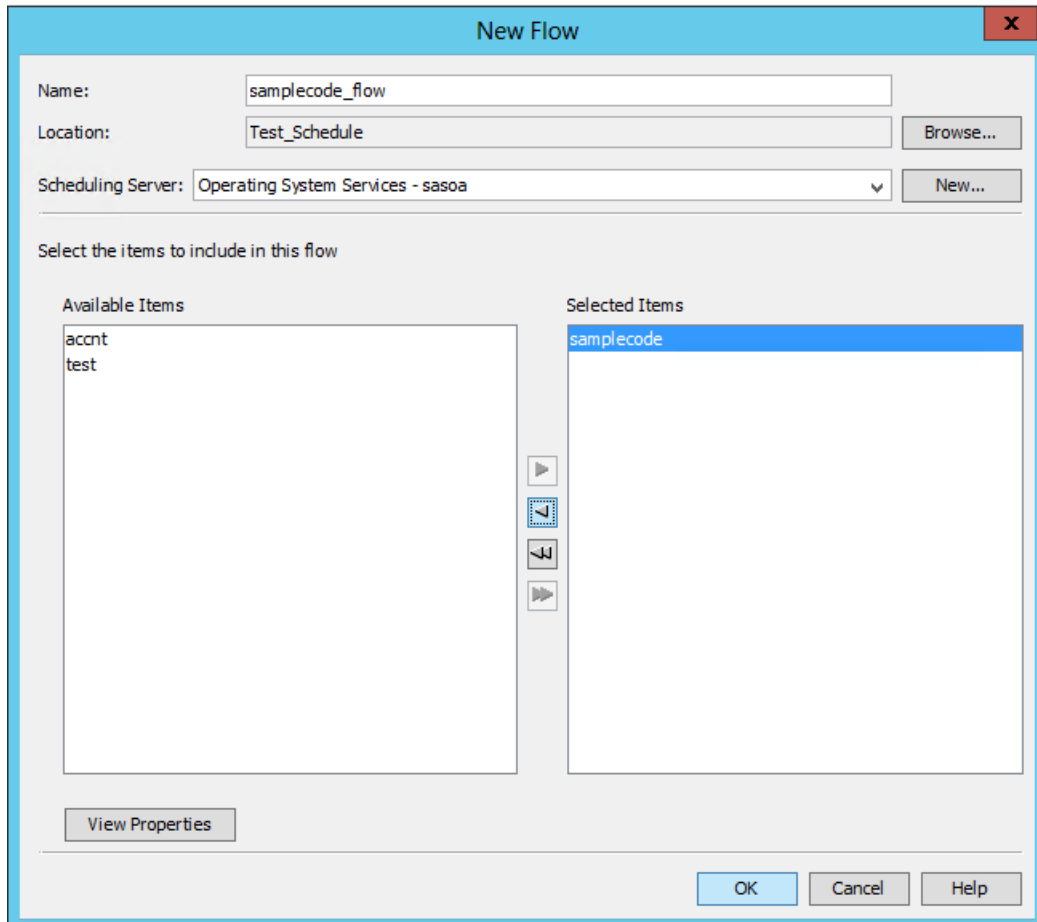
5) Next step is to **Create job Flow**. Right click Schedule Manager and select **New Flow**



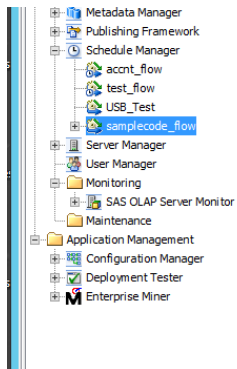
Enter the following values:

- i) Name for **"New Flow"** we used **"samplecode_flow"**
- ii) Location: **/Shared Data/Test_Schedule**
- iii) Scheduling Server: **Operating System Services – sasoa**
- iv) Select items to include in this flow: Select **'samplecode'** job created earlier
- v) click **OK**

i)

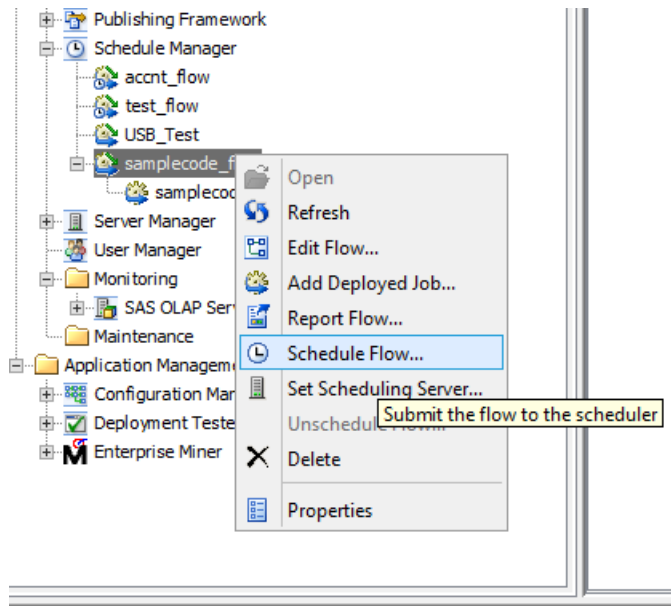


ii)



7) **Schedule** the new flow “samplecode_flow”

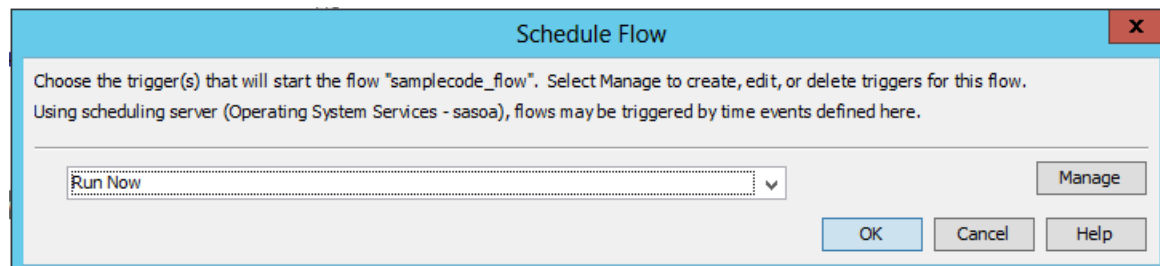
i) Right click on “samplecode_flow” and select “Schedule Flow”



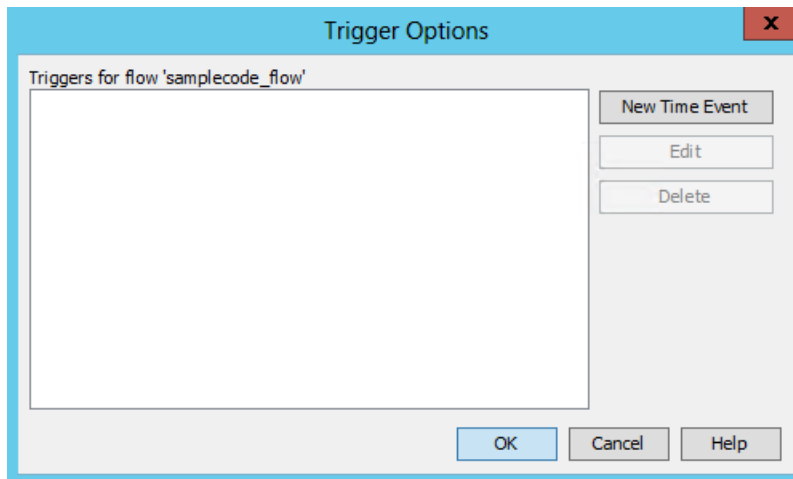
Prompt for **Operating System Services credentials** in our case we used sasdemo credentials



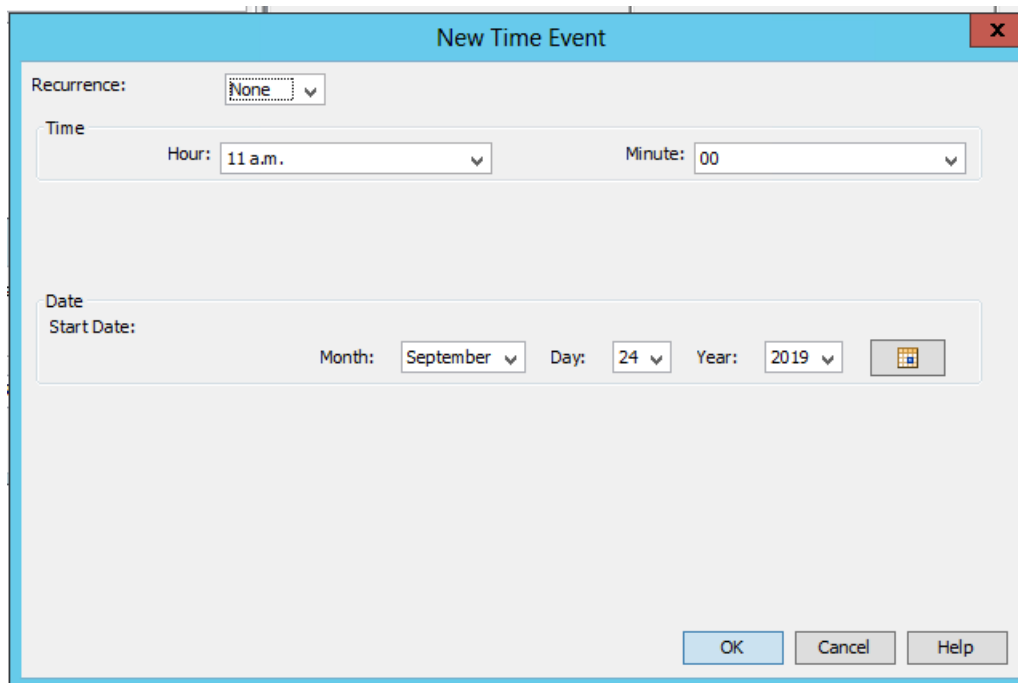
ii) Pop-up windows open for “Schedule Flow”



iii) Select “**Manage**” option to select customized trigger



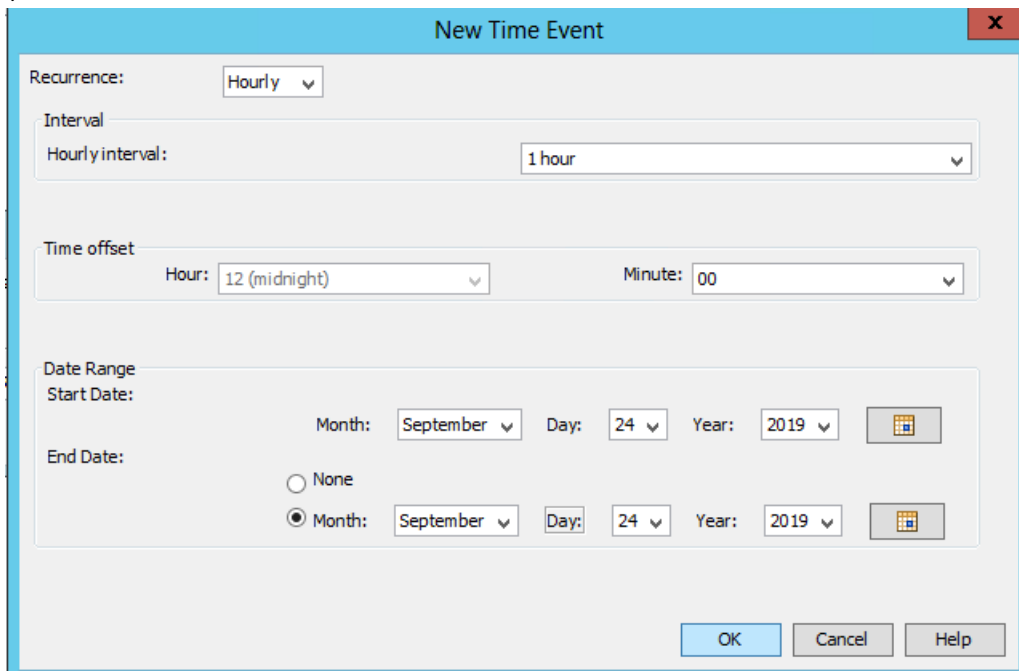
iv) Click on “**New Time Event**”



v) To test the following values were used:

- a) Recurrence: Hourly
- b) Hourlyinterval: 1 hour
- c) Time offset, Minutes: 00 or you could use any values from 00 to 55
- d) Date Range, Start Date: Month:September Day:24 Year:2019
Date Range, End Date: Month:September Day: 24 Year:2019
- e) Click OK

i)

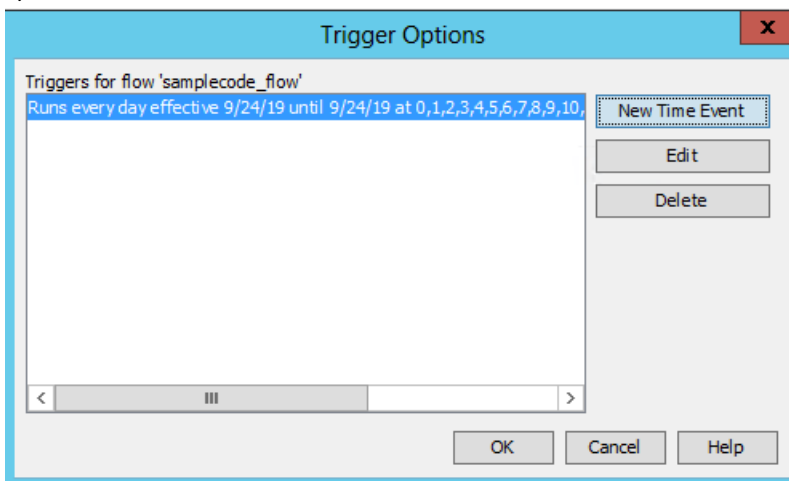


The 'New Time Event' dialog box is shown with the following settings:

- Recurrence: Hourly
- Interval: 1 hour
- Time offset: Hour: 12 (midnight), Minute: 00
- Date Range: Start Date: September 24, 2019; End Date: Month: September 24, 2019

Buttons: OK, Cancel, Help

ii) Click OK

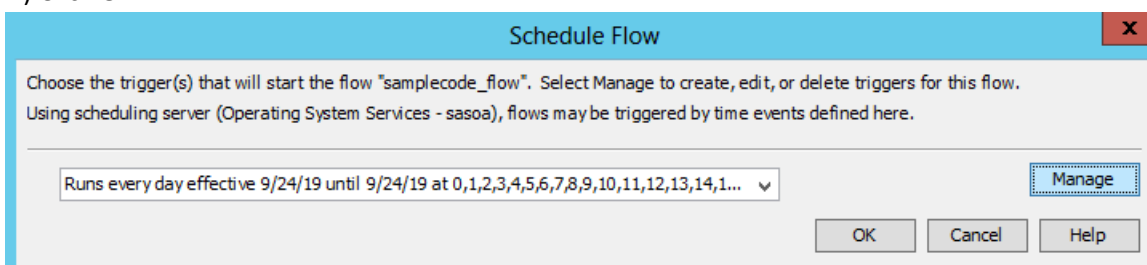


The 'Trigger Options' dialog box shows the following:

- Triggers for flow 'samplecode_flow': Runs every day effective 9/24/19 until 9/24/19 at 0,1,2,3,4,5,6,7,8,9,10.
- Buttons: New Time Event, Edit, Delete

Buttons: OK, Cancel, Help

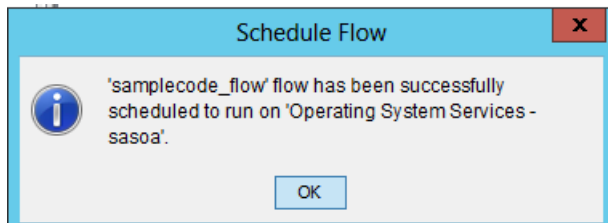
iii) Click OK



The 'Schedule Flow' dialog box displays:

- Choose the trigger(s) that will start the flow "samplecode_flow". Select Manage to create, edit, or delete triggers for this flow. Using scheduling server (Operating System Services - sasoa), flows may be triggered by time events defined here.
- Trigger: Runs every day effective 9/24/19 until 9/24/19 at 0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,1...
- Buttons: Manage, OK, Cancel, Help

iv) Click OK



8) After 1 hour you can see one log file in that log directory:

D:\SAS\Config\Lev1\SASApp\BatchServer\Logs\sampecode_flow_*.log

