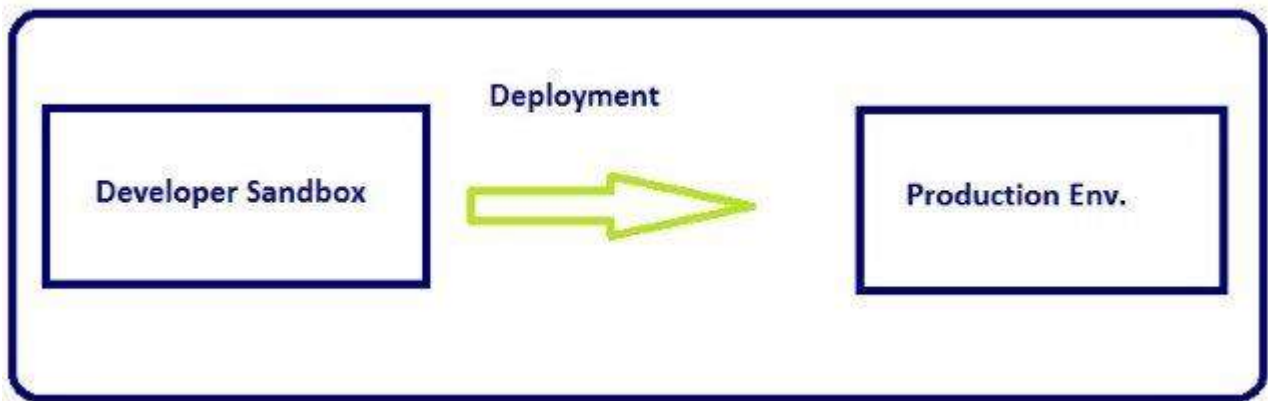


# APEX - ENVIRONMENT

In this chapter, we will understand the environment for our Salesforce Apex development. It is assumed that you already have a Salesforce edition set up for doing Apex development.

You can develop the Apex code in either Sandbox or Developer edition of Salesforce. A Sandbox organization is a copy of your organization in which you could write code and test it without taking the risk of data modification or disturbing the normal functionality. As per the standard industrial practice, you have to develop the code in Sandbox and then deploy it to the Production environment.

For this tutorial, we will be using Developer edition of Salesforce. In Developer edition, you will not have the option of creating a Sandbox organization. The Sandbox features are available in other editions of Salesforce.



## Apex Code Development Tools

In all the editions, we can use any of the following three tools to develop the code:

- Force.com Developer Console
- Force.com IDE
- Code Editor in the Salesforce User Interface

**Note:** We will be utilizing Developer Console throughout our tutorial for code execution as it is simple and user friendly for learning.

## Force.com Developer Console

The Developer Console is an integrated development environment with a collection of tools you can use to create, debug, and test applications in your Salesforce organization.

Steps to open Developer Console:

**Step 1:** Go to Name->Developer Console

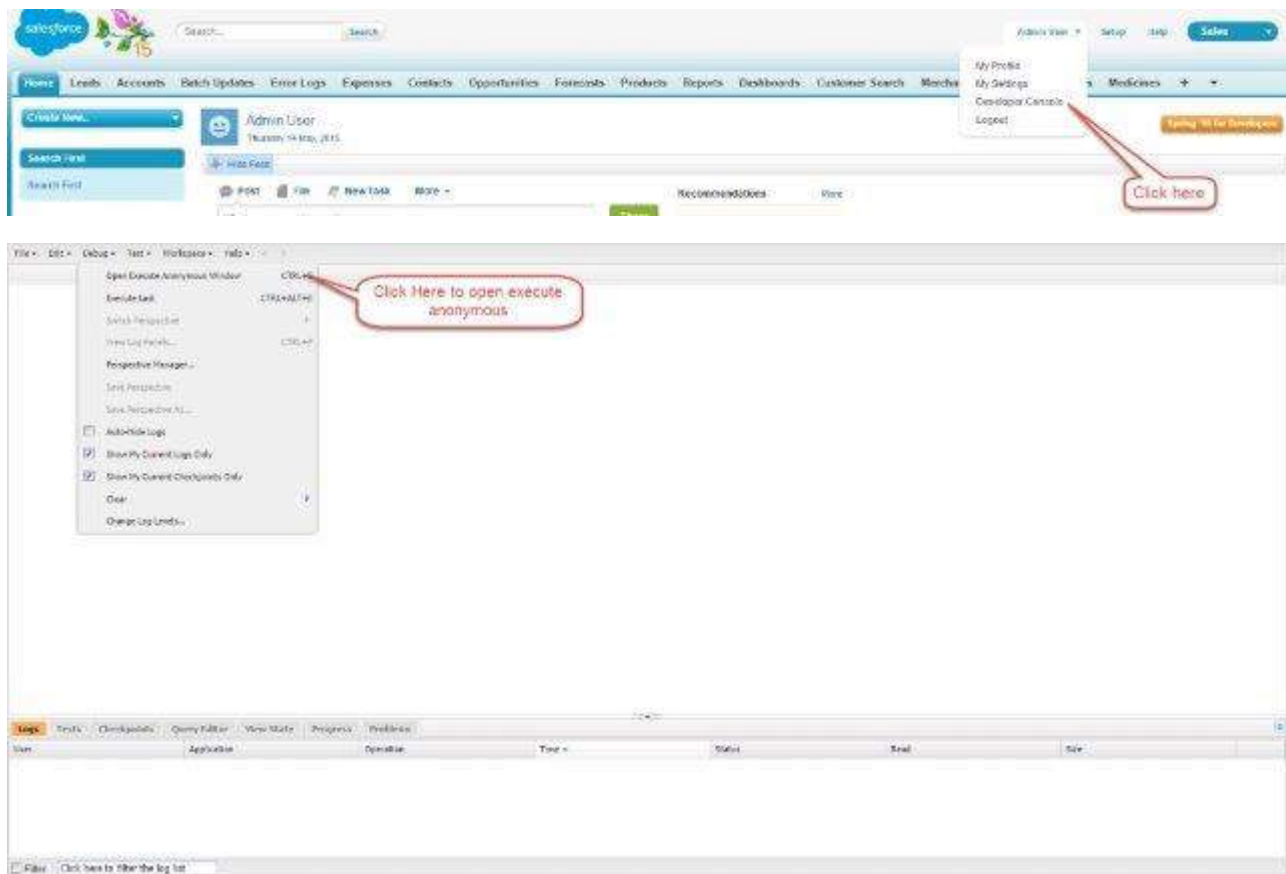


**Step2:** Click on "Developer Console" and below window will appear.

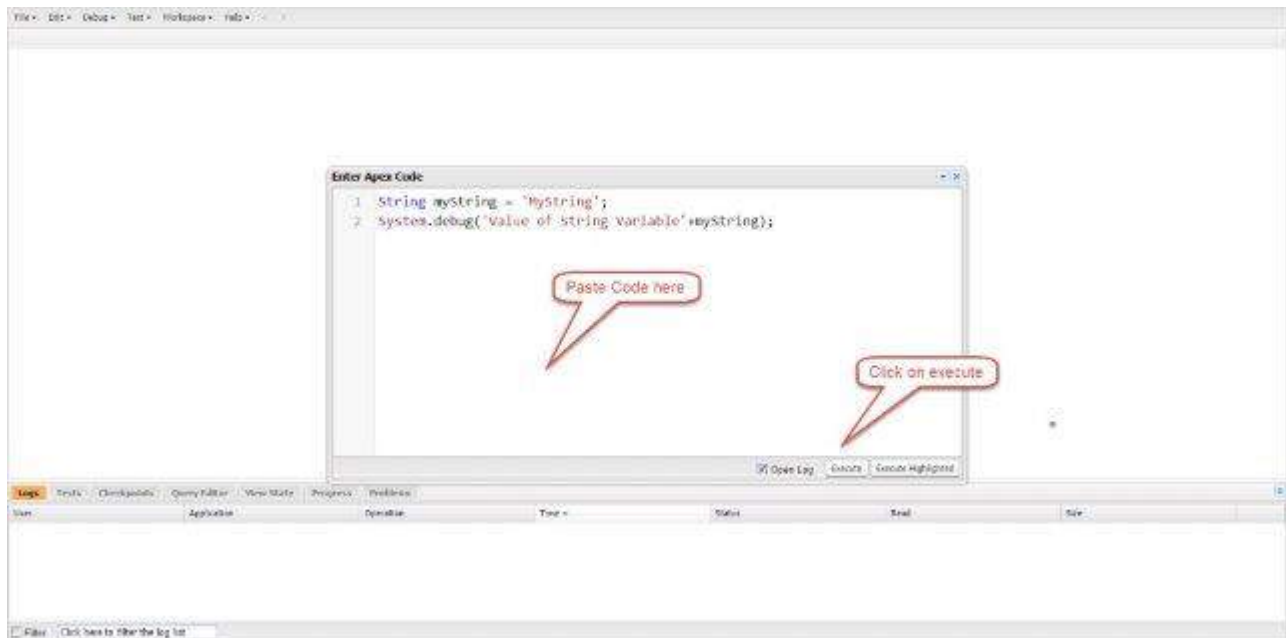




**Step 2:** To Open Developer Console click on Name -> Developer Console and then click on Execute Anonymous as shown below.



**Step 3:** Then a window will appear and you could paste code there.



**Step 4:** Click on execute and then debug logs will open. Once the log appears in window as shown below then click on the log record:

[illegible]



Then type 'USER' in the window as shown below and output statement will appear in debug window. This 'USER' statement is used for filtering the output.



So basically, you will be following all the above mentioned steps to execute any code snippet in this tutorial.