What is testing ?  
  
Testing is basically a process where we can figure out whether our code runs fine according to the expected result. It also discovers the bugs or defects before delivering it to the client.   
  
So here two terms I would like to mention that is one would be the expected and the other would be the actual.  
  
These two terms are very important while you are going for testing. So, can anybody tell me why these two words are important terms?  
  
TYPES OF TESTING:  
INTEGRATED  
BLACK BOX   
WHITE BOX  
MANUAL  
and what not, but int this session what we are primarily going to focus on is UNIT TESTING. Correct ? That’s what the name suggest right Junit ?  
  
Now let’s talk about what is unit testing ?  
Any one has any idea ?  
  
UNIT TESTING--  
  
So, unit testing is a type of software or application testing where individual units or small chunks of code of the software are being tested.  
It is done during the development phase by us. Us means we as developers have to perform the unit testing.

Now, the question comes why do we as developers need to do testing right ??  
  
IMPORTANCE OF UNIT TESTING  
  
So as I mentioned unit testing is used to test individual units or small chunks of code, so this technique helps us in validating the accuracy of the particular section code.  
  
It assures to identify bugs at an very early stage of the development process, so thing here is that is reduces efforts, saves time and also a lot of money for the enterprise. I will tell you why.  
  
So in case we develop an application and forward it to the testing department, so they will do some mass scale testing, and when bugs appear, we the developers have to debug the code all over again. Getting my point right ?  
  
So, isn’t it better that we send the code just by this primary testing and sent it to the testing department ..  
  
So, 1st point of benefit would be:  
1) We can check small chunks of code and validate it.  
2) Helps us identify and find bugs at an early stage of development  
3) Reduces cost, saves time and efforts  
4) Assures the developers to improve the code accuracy.