*8. Some methods return values while others do not.*

*a) What is the difference between the forms of the definition of each of these kinds of methods?*

Methods that do not return values are defined as “void”   
Ex. Public static **void** name (args){//code here..}

Methods that return values have their return type defined in the method header (instead of the keyword “void”.

Ex. Public static **String** name (args) {//code here…}

*b) What is the difference between the calls to each of these kinds of methods?*

When calling a void method, only a task is preformed and then the method terminated. They are standalone and give no values to be printed, returned or stored.

With a return method, a task is preformed and a value is returned in place of the method call.

Both can make changes in memory but only the return function can give a value that can be stored by the programmer.