Returning a Value from a Method

- A method returns to the code that invoked it when it:

  - ➢ Completes all the statements in the method,

  - ➢ Reaches a return statement, or

  - ➢ throws an exception (covered later),

  > -Which ever occurs first

Rules:

1. We can declare a method's return type in its method declaration.

2. Inside the body of the method, we should use the 'return' statement to return the value of the return type.

3. Any method declared as 'void' doesn't return any value.

4. void methods don't require any return statement.

5. Any method that is not declared as void must contain a return statement with its corresponding return value.

6. The data type of the return value must match the method's declared return type.

7. Method return types can be 8 Primitive Datatypes **+** Void **+** Class **And** Objects

Note: return statement need not to be last statement in a method, but it must be last statement to execute in a method.