Methods Worksheet

*Identify the highlighted part of the method declaration, and explain its purpose in a java method*

1.

**public static** String myName(){

**return**(**"Mr Watson"**);

};

|  |
| --- |
| Defines the method access; signifies that the method can be seen anywhere |

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2.

**public static** String myName(){

**return**(**"Mr Watson"**);

};

|  |
| --- |
| Signifies that the method doesn’t need an object for invocation |

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3.

**public static** String myName(){

**return**(**"Mr Watson"**);

};

|  |
| --- |
| Identifies the name of the method (myName) |

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4.

**public static void** myMethod(){

System.***out***.println(**"This is my method"**);

};

|  |
| --- |
| Signifies that the method doesn’t return anything |

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5.

**public static void** myMethod(){

System.***out***.println(**"This is my method"**);

};

|  |
| --- |
| Method body: The code that is called when the method is invoked |

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6.

**public static void** addNum(**int** a, **int** b){

System.***out***.println(a + b);

}

|  |
| --- |
| Parameters: the integers that can be supplied to the method for usage in the method body |

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7.

**public static int** addNum(**int** a, **int** b){

**return** (a + b);

}

|  |
| --- |
| Return Statement: What the method gets replaced with when it is run in the main method. |