

Using "static" Block

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1. A static block in Java is a block which is created outside any method but inside class body using the keyword **static**

2. The general syntax of writing static block is :

```
class <class_nam>
{
    static
    {
        .....
        .....
    }
    other members of the class
}
```

3. Java executes static blocks only once and automatically.

4. This happens when we make 1st use of the class

What is the 1st use of the class?

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In Java the 1st use of the class happens when either of the following 2 situations occur:

1. We make the 1st object of the class

or

2. We access any static member of that class for the 1st time.

Whichever of the above 2 happens 1st, it is called 1st use of the class.

What Java does when we make 1st use of the class?

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Whenever we make 1st use of the class Java does 3 things:

1. It loads the class in memory.

2. If the class contain any static member then it allocate space for that static member in method area.

3. It executes the static block of the class.

All the above activities will take place only once