

Are static local variables allowed in Java?

Unlike C/C++, static local variables are not allowed in Java. For example, following Java program fails in compilation with error “*Static local variables are not allowed*”

```
class Test {
    public static void main(String args[]) {
        System.out.println(fun());
    }

    static int fun()
    {
        static int x= 10;    //Error: Static local variables are not allowed
        return x--;
    }
}
```

Please write comments if you find anything incorrect, or you want to share more information about the topic discussed above.

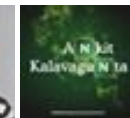
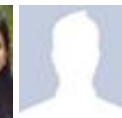
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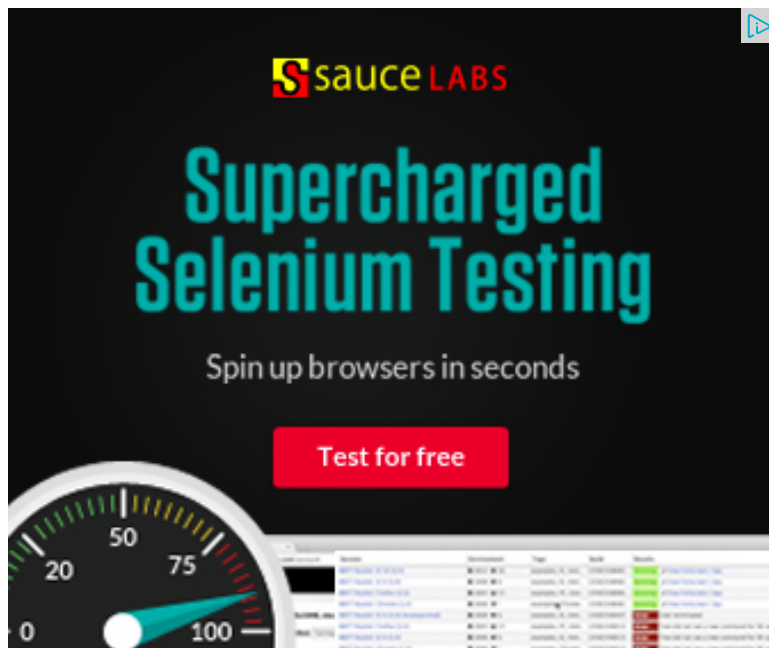
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Sai Sunder S · a year ago

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Sandeep · 4 years ago

@kp101090: Thanks for pointing this out. We have made the correction.

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kp101090 • 4 years ago

There is an error in the code...

You cannot call non static method from within static method..

()

To make the code work you must change "int fun()" to "static int fun()"

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SANTHI → kp101090 • a month ago

it gives the error like "REMOVE THE INVALID MODIFIER"

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