

Java中静态变量的适用场景Java认证考试 PDF转换可能丢失图片或格式，建议阅读原文

[https://www.100test.com/kao\\_ti2020/644/2021\\_2022\\_Java\\_E4\\_B8\\_AD\\_E9\\_9D\\_99\\_c104\\_644644.htm](https://www.100test.com/kao_ti2020/644/2021_2022_Java_E4_B8_AD_E9_9D_99_c104_644644.htm) Java类中的静态变量在程序运行期间，其内存空间对所有该类的对象实例而言是共享的，有些时候可以认为是全局变量。因此在某些时候为了节省系统内存开销、共享资源，可以将类中的一些变量声明为静态变量，通过下面的例子，你可以发现合理应用静态变量带来的好处：Java代码

```
public class WeekA{
    static class Data {
        private int week;
        private String name;
        Data(int i, String s) {
            week= i;
            name = s;
        }
    }
    Data weeks[] = {
        new Data(1, "Monday"),
        new Data(2, "Tuesay"),
        new Data(3, "Wednesday"),
        new Data(4, "Thursday"),
        new Data(5, "Friday"),
        new Data(6, "Saturday"),
        new Data(7, "Sunday")
    };
    public static void main(String args[]) {
        final int N = 10000;
        WeekA weekinstance;
        for (int i = 1; i <= N; i++) {
            weekinstance = new WeekA(i, "100Test");
        }
    }
}
```

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