# How do I initialize a Java array?

## Question

If I have a data member initialized as:

```
protected double[] _refPoint = new double[3];
```

does this zero fill _refPoint or does it contain uninitialized memory?

## Answer

Java classes are never allowed to have unreferenced memory. Arrays are always zero filled. (Thus code should always run reproducibly – unless you use random numbers or rely on some external data source).