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Lab 1

1. Instance variables: String name, String color

2. I needed to initialize the ArrayList myCats in the constructor

3.

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| Index | Object |
| 1 | Cat(“Fifi”, “black”) |
| 2 | Cat("Fluffy", "spotted") |
| 3 | Cat("Josephine", "tabby") |
| 4 | Cat("Biff", "tabby") |
| 5 | Cat("Bumpkin", "white") |
| 6 | Cat("Spot", "spotted") |
| 7 | Cat("Lulu", "tabby") |

6. If I wanted to prevent two cats with the same name from ever being in the ArrayList at the same time, I would add a check to the CatManager add method that would return an error message if the Cat being added already exists.