**8.6- Exercise Cat-Instancevariable**

**Exercise**

Extend the Cat Class with Additional Behavior

**Task**

1. Add an instance variable age to the Cat class, and modify the constructor to accept both name and age as parameters.
2. Implement a method displayDetails() that prints: "Cat Name: [name], Age: [age] years."
3. Update MainClass to create instances of Cat with both name and age, and call displayDetails() on each instance.

**Hints**

* Modify the constructor to be public Cat(String name, int age).
* Ensure displayDetails() accesses both name and age to format the output string.
* Update MainClass to use the new constructor format, such as Cat MaineCoon = new Cat("Maine Coon", 5);.

**Explanation**

This exercise helps you practice adding instance variables, modifying constructors, and writing methods that access and display class fields. It also provides experience with using updated constructors in the main method, reinforcing object creation and method calling in Java.