**Digital Nurture 4.0 Deep Skilling**

**Week 1**

**Exercise 1: Implementing the Singleton Pattern**

**Code :**

**A screen shot of a computer program

Description automatically generated**

**Output:**

A black screen with white text

Description automatically generated

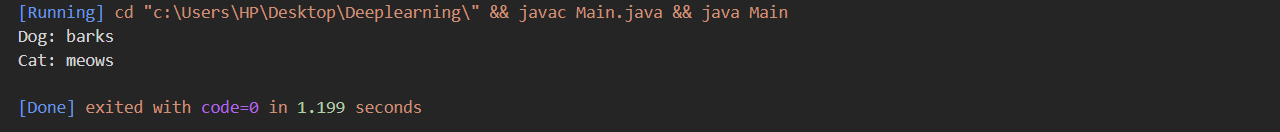
**Exercise 2: Implementing the Factory Method Pattern**

**Code :**

A screen shot of a computer program

Description automatically generated

**Output :**

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**Exercise 2: E-commerce Platform Search Function**

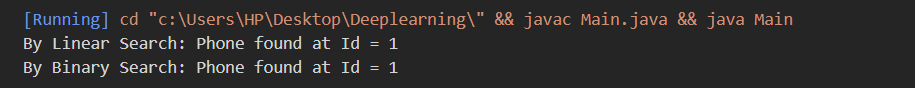
**Code:**

**A screen shot of a computer program

Description automatically generated**A screen shot of a computer code

Description automatically generated

**Output :**



**Exercise 7: Financial Forecasting**

**Code :**

A screen shot of a computer code

Description automatically generated

**Output :** A screen shot of a computer

Description automatically generated