Philip Pesic

Week 13

April 16 2023

Week 13 Prog 2

* Part 2 - Write the code example 1 found in the lecture notes

Run the code.

```
package Prog2;

class prog2 {
   public static void main(String[] args) {
       animal a = new animal();
       animal c = new cat();
       animal d = new dog();

       a.animalSound();
       c.animalSound();
       d.animalSound();

       System.out.println("Philip Pesic 4/16/23");
   }
}
```

```
package Prog2;

public class animal {
   void animalSound() {
       System.out.println("The animal makes a sound");
   }
}
```

```
package Prog2;

public class cat extends animal {
   void animalSound() {
       System.out.println("The cat goes meow");
   }
```

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```
}



package Prog2;

public class dog extends animal {
   void animalSound() {
       System.out.println("The dog goes bark");
   }
}
```

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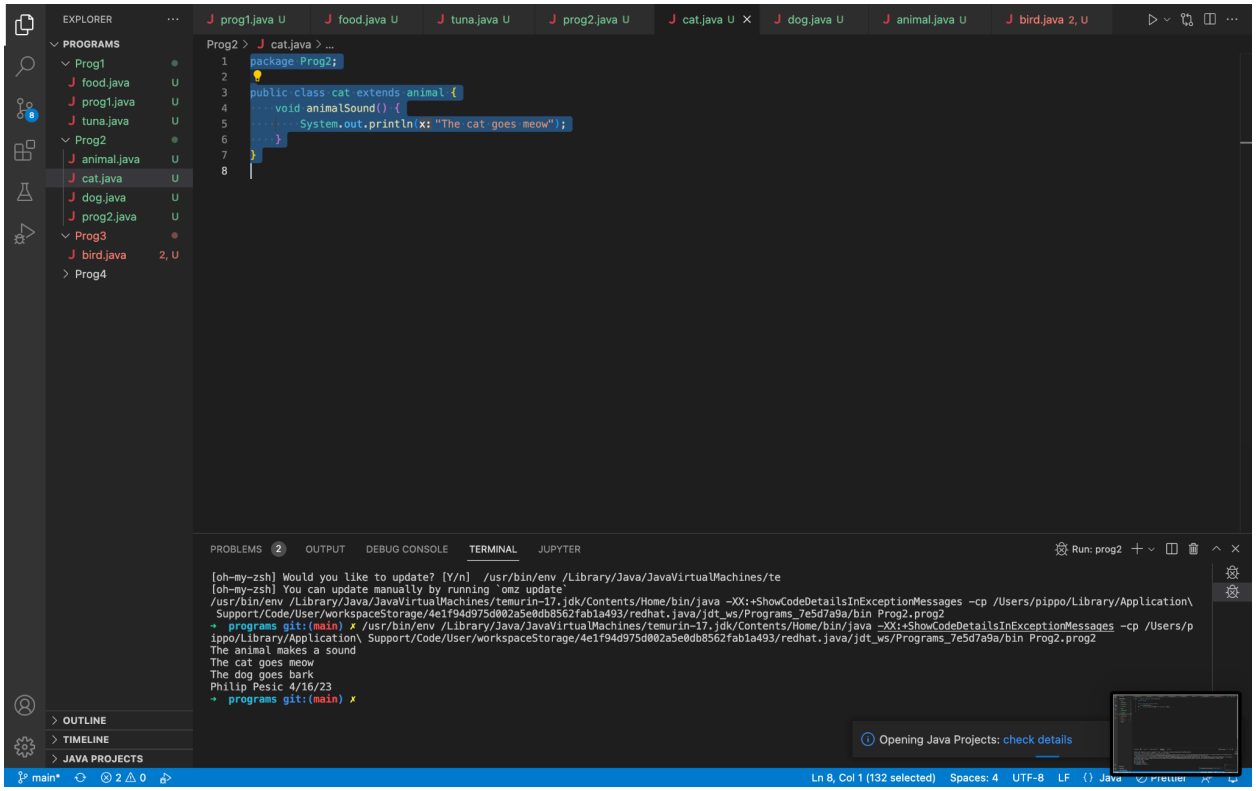

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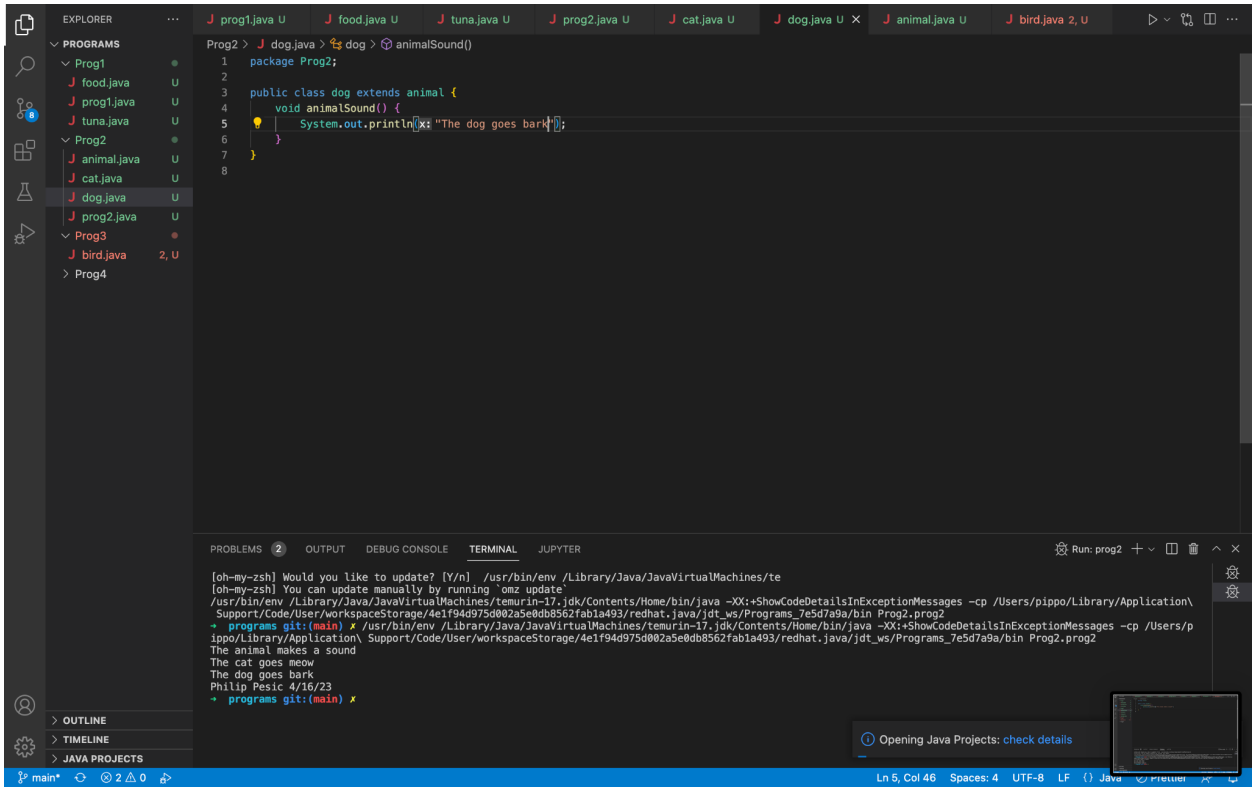

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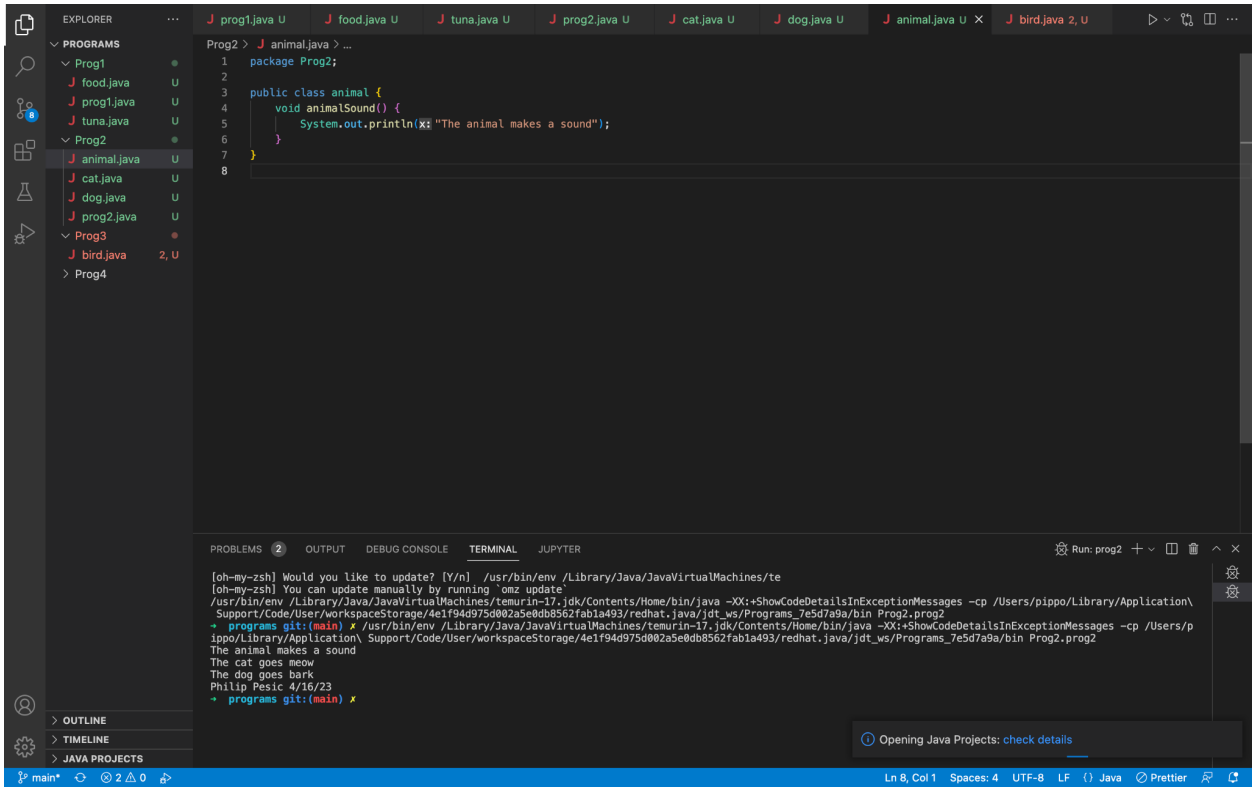

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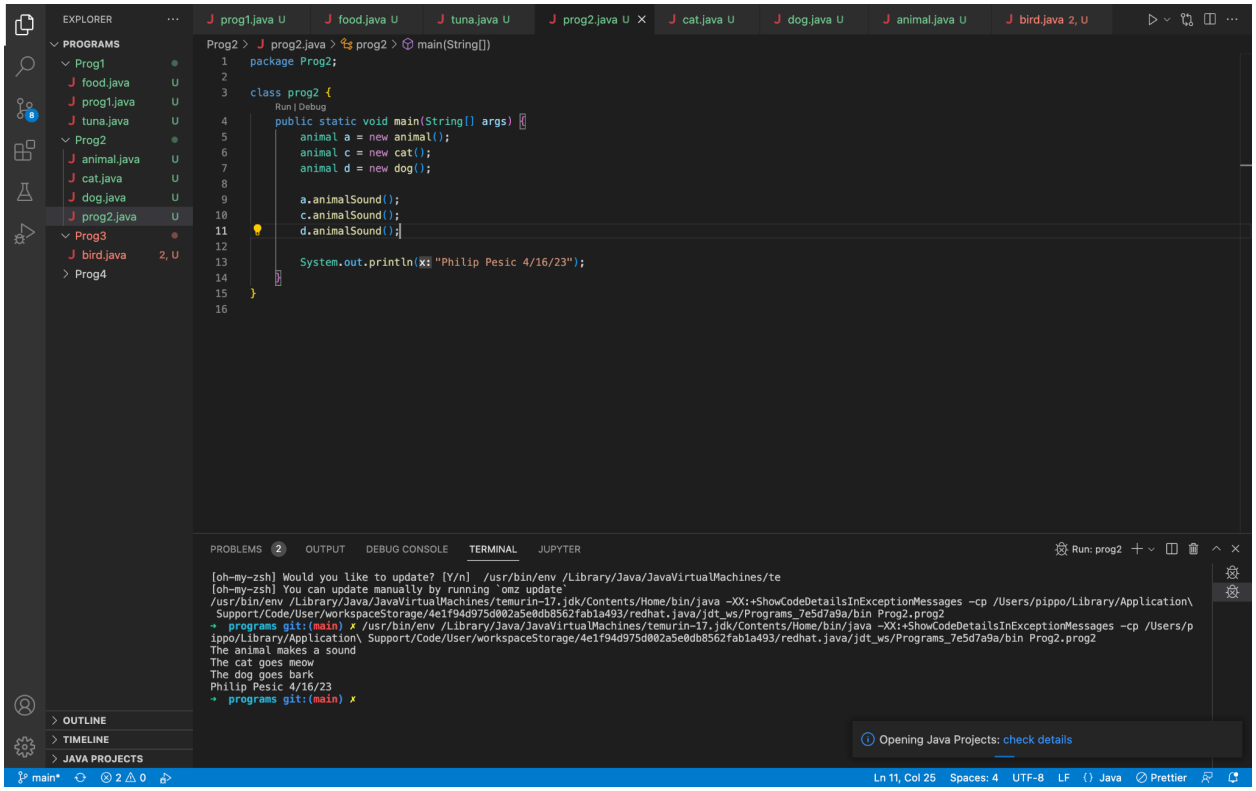


I practiced using polymorphism in my own programs