After researching articles differentiating classes and objects, I found this article to be informative and does a great job explaining the difference so that anyone could understand.

<https://www.guru99.com/difference-between-object-and-class.html>

According to the article, a class is an entity that determines how an object will behave and what the object will contain. An object is nothing but a self-contained component that consists of methods and properties to make the data useful that helps to determine the behavior of the class. An object can be a data structure, a variable or a function that has a memory location.

The article uses dogs to explain the difference:

Class: Dogs

Data members or objects: size, age, color, breed, etc.

Methods: eat, sleep, sit, run, behavior with other pers and/or children, etc.

I find this example to be applicable to real life situation because people research these feats when purchasing a dog. The code to create an application:

using System;

class AccountTest

// Class Declaration

class Dog {

// Instance Variables

String breed;

String size;

int age;

String color;

// method 1

public String getInfo() {

return ("Breed is: "+breed+" Size is:"+size+" Age is:"+age+" color is: "+color);

}

}

public class Execute{

public static void main(String[] args) {

Dog maltese = new Dog();

maltese.breed="Maltese";

maltese.size="Small";

maltese.age=2;

maltese.color="white";

System.out.println(maltese.getInfo());

}

}