Assignment 3

1. Which two items are in the collection chickens, cattle, and humpback whale species?
   - Chickens
   - Cattle
   - Humpback whale

2. Consider the following piece of code:
   ```java
   public class Program {
     public static void main(String[] args) {
       String name = "John";
       if (name.equals("Jane")) {
         System.out.println("Hello, " + name);
       }
     }
   }
   ```
   a. Name the method that receives the expression.
   b. Name the method that takes the conditional expression and a value.
   c. Name the statement that executes the conditional expression.

3. Consider the following Java program:
   ```java
   public class Program {
     public static void main(String[] args) {
       int a = 10;
       int b = 20;
       int c = 30;
       System.out.println(a + b + c);
     }
   }
   ```
   a. What does the expression do?
   b. What is the output of the program?

4. What would be the consequence to a plane if one were?
   a. Underfed
   b. Overfed
   c. Unfueled

5. Which of the following statements implement a boolean array?
   a. boolean[] array;
   b. int[] array;
   c. String[] array;

6. Which of the following websites is not related to the export of the ships?
   a. www.shipbuilder.com
   b. www.shipcargo.com
   c. www.shiptransport.com

7. Consider the following Java program:
   ```java
   public class Program {
     public static void main(String[] args) {
       int x = 5;
       if (x > 10) {
         System.out.println("x is greater than 10");
       } else {
         System.out.println("x is not greater than 10");
       }
     }
   }
   ```
   a. Name the line where the conditional expression is evaluated.
   b. Name the line where the program branches based on the conditional expression.

8. Which of the following items doesn’t meet the criteria of the roads?
   a. Highway
   b. Street
   c. Trail

9. What is the outcome of the following Java program?
   ```java
   public class Program {
     public static void main(String[] args) {
       int a = 10;
       int b = 20;
       int c = 30;
       System.out.println(a + b + c);
     }
   }
   ```
   a. 60
   b. 40
   c. 50

10. Which of the following items is not a Java keyword?
    a. if
    b. print
    c. return

11. What is the outcome of the following Java program?
    ```java
    public class Program {
      public static void main(String[] args) {
        int a = 10;
        int b = 20;
        int c = 30;
        System.out.println(a + b + c);
      }
    }
    ```
    a. 60
    b. 50
    c. 40