//14.Develop a program to print the first 10 multiples of 3 using a do-while loop. Break the loop if a multiple exceeds 50.

public class MultipleOfThreeDWL { // Declare a Java class named MultipleOfThreeDWL.

    public static void main(String[] args) { // Declare the main method, which serves as the entry point for the program.

        int count = 0; // Declare an integer variable named count and initialize it to 0. This variable will track the number of printed multiples.

        int multiple = 0; // Declare an integer variable named multiple and initialize it to 0. This variable will hold the current multiple.

        // Loop to print the first 10 multiples of 3

        do { // Start a do-while loop.

            multiple += 3; // Increment the multiple by 3 in each iteration to generate multiples of 3.

            if (multiple > 50) { // Check if the current multiple exceeds 50.

                break; // Break the loop if the multiple exceeds 50.

            }

            System.out.println(multiple); // Print the current multiple to the console.

            count++; // Increment the count of printed multiples.

        } while (count < 10); // Continue the loop until 10 multiples are printed.

    }

}

public class MultipleOfThreeDWL { // Declare a Java class named MultipleOfThreeDWL.

    public static void main(String[] args) { // Declare the main method, which serves as the entry point for the program.

        int count = 0; // Declare an integer variable named count and initialize it to 0. This variable will track the number of printed multiples.

        int multiple = 0; // Declare an integer variable named multiple and initialize it to 0. This variable will hold the current multiple.

        // Loop to print the first 10 multiples of 3

        do { // Start a do-while loop.

            multiple += 3; // Increment the multiple by 3 in each iteration to generate multiples of 3.

            if (multiple > 50) { // Check if the current multiple exceeds 50.

                break; // Break the loop if the multiple exceeds 50.

            }

            System.out.println(multiple); // Print the current multiple to the console.

            count++; // Increment the count of printed multiples.

        } while (count < 10); // Continue the loop until 10 multiples are printed.

    }

}

public class MultipleOfThreeDWL { // Declare a Java class named MultipleOfThreeDWL.

public static void main(String[] args) { // Declare the main method, which serves as the entry point for the program.

int count = 0; // Declare an integer variable named count and initialize it to 0. This variable will track the number of printed multiples.

int multiple = 0; // Declare an integer variable named multiple and initialize it to 0. This variable will hold the current multiple.

// Loop to print the first 10 multiples of 3

do { // Start a do-while loop.

multiple += 3; // Increment the multiple by 3 in each iteration to generate multiples of 3.

if (multiple > 50) { // Check if the current multiple exceeds 50.

break; // Break the loop if the multiple exceeds 50.

}

System.out.println(multiple); // Print the current multiple to the console.

count++; // Increment the count of printed multiples.

} while (count < 10); // Continue the loop until 10 multiples are printed.

}

}