

```

1 package humans;
2 class Human {
3
4     private String name;
5     private int age;
6     private String occupation;
7
8     public Human(String name, int age, String occupation) {
9         this.name = name;
10        this.age = age;
11        this.occupation = occupation;
12
13        System.out.println("👉 A new Human named " + name + " has been created!");
14    }
15
16
17    public void introduceMyself() {
18        System.out.println("Hello! My name is " + name + ". I'm " + age +
19        | | | | | " years old and I work as a " + occupation + ".");
20    }
21
22    public void celebrateBirthday() {
23        age = age + 1; // Same as: age++; or age += 1;
24        System.out.println("🎂 Happy Birthday " + name + "! You are now " + age + " years old!");
25    }
26
27
28    public String getName() {
29        return name; // Return the person's name
30    }
31
32    public int getAge() {
33        return age; // Return the person's age
34    }
35
36    public void setName(String newName) {
37        if (newName != null && !newName.trim().isEmpty()) { // Make sure name isn't empty
38            this.name = newName;
39        } else {
40            System.out.println(x:"❌ Error: Name cannot be empty!");
41        }
42    }
43
44    public void setAge(int newAge) {
45        if (newAge >= 0 && newAge <= 150) { // Make sure age is reasonable
46            this.age = newAge;
47        } else {
48            System.out.println(x:"❌ Error: Age must be between 0 and 150!");
49        }
50    }
51 }

```