```
package lesson1;

                    import java.util.Objects;

                    public class Cat extends Animal implements CanSwim {
                        private boolean isWild;
                        private double swimmingSpeed;

                        public double getSwimmingSpeed() {
                            return swimmingSpeed;
                        }

                        public void setSwimmingSpeed(int swimmingSpeed) {
                            this.swimmingSpeed = swimmingSpeed;
                        }

                        public Cat(String name, String color, int age) {
                            super(name, color, age);
                            this.name = name;
                            this.color = color;
                        }

                        public boolean isWild() {
                            return isWild;
                        }

                        public void setWild(boolean wild) {
                            isWild = wild;
                        }

                        public String getName() {
                            return name;
                        }

                        public void setName(String name) {
                            this.name = name;
                        }

                        public String getColor() {
                            return color;
                        }
```

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        if (age < 0) {
            System.out.println("Некорректное значение!");
        } else {
            this.age = age;
        }
    }

    @Override
    public String toString() {
        return "Cat{" +
                "name='" + name + '\'' +
                ", color='" + color + '\'' +
                ", age=" + age +
                '}';
    }

    @Override
    public boolean equals(Object o) {
        if (this == o) return true;
        if (o == null || getClass() != o.getClass()) return false
        Cat cat = (Cat) o;
        return age == cat.age &&
                Objects.equals(name, cat.name) &&
                Objects.equals(color, cat.color);
    }

    @Override
    public int hashCode() {
        return Objects.hash(name, color, age);
    }

    public void voice() {
        System.out.println("Кот мяукает!");
    }

    public double swim(Pool pool) {
        System.out.println("Я кот, я плыву!");
        double timeToOvercome = pool.getLength() / swimmingSpeed;
        System.out.println(timeToOvercome);
        return timeToOvercome;
    }
}
```