

Name : vishnu vardhan

192365027

```

class Box {
    public Box(int boxId, double length, double width, double height) {
    }
    public void packBox() {
        System.out.println("Box packed.");
    }
}
class Snake {
    public Snake(int snakeId, double length) {
    }
    public void transportSnake() {
        System.out.println("Snake transported.");
    }
}
public class Order {
    private int orderId;
    public Order(int orderId, Box box, Snake snake) {
        this.orderId = orderId;
    }
    public void createOrder() {
        System.out.println("Order created with ID: " + orderId);
    }
    public static void main(String[] args) {
        Box box = new Box(1, 10.0, 5.0, 5.0);
        Snake snake = new Snake(1, 3.0);
        Order order = new Order(1, box, snake);
        order.createOrder();
        box.packBox();
        snake.transportSnake();
    }
}

```

blems @ Javadoc Declaration Console ×

ated> Order [Java Application] C:\Users\harin\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win
 created with ID: 1
 packed.
 transported.

```

package practiceModule2_3;

import java.util.Scanner;

public class JavaLibsPractice {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter a name: ");
        String name = scanner.nextLine();

        System.out.print("Enter an age: ");
        int age = scanner.nextInt();
        scanner.nextLine();

        System.out.print("Enter a city: ");
        String city = scanner.nextLine();

        System.out.print("Enter an animal: ");
        String animal = scanner.nextLine();

        System.out.print("Enter a verb (present tense): ");
        String verb = scanner.nextLine();

        System.out.print("Enter a number: ");
        int number = scanner.nextInt();

        System.out.print("Enter a temperature: ");
        double temperature = scanner.nextDouble();
        scanner.nextLine();

        System.out.print("Enter an adjective: ");
        String adjective = scanner.nextLine();

        String animal = scanner.nextLine();

        System.out.print("Enter a verb (present tense): ");
        String verb = scanner.nextLine();

        System.out.print("Enter a number: ");
        int number = scanner.nextInt();

        System.out.print("Enter a temperature: ");
        double temperature = scanner.nextDouble();
        scanner.nextLine();

        System.out.print("Enter an adjective: ");
        String adjective = scanner.nextLine();

        System.out.print("Enter a type of food: ");
        String food = scanner.nextLine();

        System.out.print("Enter a color: ");
        String color = scanner.nextLine();

        int nextAge = age + 1;
        double halfTemperature = temperature / 2.0;

        System.out.println("\nStory:");
        System.out.println("Once upon a time, there was a person named " + name + ".");
        System.out.println(name + " lived in " + city + " and was " + age + " years old.");
        System.out.println("One day, " + name + " found a " + animal + " in the backyard.");
        System.out.println("It was " + color + " and " + adjective + ", and it liked to " + verb + " all day long.");
        System.out.println("In one year, " + name + " would be " + nextAge + " years old.");
        System.out.println("The temperature outside was " + temperature + " degrees Celsius, which felt like " + halfTemperature + " degrees Fahrenheit.");
        System.out.println("While walking in the park, " + name + " decided to have " + number + " " + food + "s for lunch.");
        System.out.println("And they lived happily ever after.");

        scanner.close();
    }
}

```

```
package practiceModule2_3;

import java.util.Scanner;

public class JavaLibsPractice {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter a name: ");
        String name = scanner.nextLine();

        System.out.print("Enter an age: ");
        int age = scanner.nextInt();
    }
}
```