23/03062 class task java

import java.util.Scanner;

class Person {

private String name; private int age; private String address;

// Constructor

public Person(String name, int age, String address) { this.name = name;

this.age = age; this.address = address;

}

// Method to display person's details public void displayDetails() {

System.out.println("Name: " + name); System.out.println("Age: " + age); System.out.println("Address: " + address);

}

// Method that accepts a Person object and calls the displayDetails method public void myDetails(Person person) {

person.displayDetails();

}

// Method to pass the current instance to another method public void printCurrentInstance() {

myDetails(this);

}

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

// Prompt the user for their name System.out.print("Enter your name: "); String name = scanner.nextLine();

// Prompt the user for their age System.out.print("Enter your age: "); int age = scanner.nextInt();

scanner.nextLine(); // Consume the newline

// Prompt the user for their address System.out.print("Enter your address: "); String address = scanner.nextLine();

`// Create a Person object with the user's input Person person = new Person(name, age, address);

// Use the object to call the printCurrentInstance method person.printCurrentInstance();

scanner.close();

}

}