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```java
import java.util.Scanner;


public class App {
    static Scanner scanner = new Scanner(System.in);
    public static void main(String[] args) throws Exception {
        double weight=0;
        double height=0;
        System.out.print("Enter name and age: ");
        String nameAndAge[] = scanner.nextLine().split(" ");
        System.out.print("Weight (input format: 1=kg 2=pound value): ");
        String typeAndWeight[] = scanner.nextLine().split(" ");
        System.out.print("Height (input format: 1=meter 2=feet-inch):");
        String typeAndHeight[] = scanner.nextLine().split(" ");
        if(Integer.parseInt(typeAndWeight[0])==1){
            weight += Integer.parseInt(typeAndWeight[1])*2.20462262185;
        }
        else if(Integer.parseInt(typeAndWeight[0])==2){
            weight += Integer.parseInt(typeAndWeight[1]);
        }
        if(Integer.parseInt(typeAndHeight[0])==1){
            height += Integer.parseInt(typeAndHeight[1])*39.3700787402;
        }
        else if(Integer.parseInt(typeAndHeight[0])==2){
            height += Integer.parseInt(typeAndHeight[2])+(Integer.parseInt(typeAndHeight[1])*12);
        }
        BMI bmi = new BMI(nameAndAge[0], Integer.parseInt(nameAndAge[1]), weight, height);
        bmi.displayBMI();


    }
}
```

```java
class BMI {
    private String name;
    private int age;
    private double weight;
    private double inches;
    private double bmi;
    private String interpretation;

    public BMI(String name, int age, double weight,  double inches){
        this.name = name;
        this.age = age;
        this.weight = weight;
        this.inches = inches;
    }

    //setter

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

    public void setAge(int age){
        this.age = age;
    }

    //getter
    public String getName(){
        return this.name;
    }

    public int getAge(){
        return this.age;
    }

    //display

    public void displayBMI(){
```

```
        bmi = (weight/((inches)*(inches)))*703;
        interpretation = "";
        if(bmi<18.5) interpretation+="Underweight";
        else if(bmi>=18.5 && bmi<25.0) interpretation+="Normal";
        else if(bmi>=25.0 && bmi<30.0) interpretation+="Overweight";
        else if(bmi>=30.0) interpretation+="Obese";
        System.out.printf("Your BMI: %.2f\n",bmi);
        System.out.println("interpretation: "+interpretation);
    }
}
```