BMIApp

+main(args : String[]) : void

<>
MyBMI

- name: String
- weight: double

+ MyBMI()
+ MyBMI(name: String, weight: double)
+ getName(): String
+ setName(name: String): void
+ getWeight(): double
+ setWeight(weight: double): void
+ calculateBMI(): double   <>
+ getBMIAnalysis(): String   <>
+ toString(): String

ImperialUnit

- heightFeet: double
- heightInches: double

+ ImperialUnit()
+ ImperialUnit(name: String, weight: double, heightFeet: double, heightInches: double)
+ getHeightFeet(): double
+ setHeightFeet(): void
+ getHeightInches(): double
+ setHeightInches(): void
+ getHeightM(): double
+ calculateBMI(): double
+ toString(): String
+ getBMIAnalysis(): String

MetricUnit

- heightCM: double

+ MetricUnit()
+ MetricUnit(name: String, weight: double, heightCM: double)
+ getHeightCM(): double
+ setHeightCM(): void
+ getHeightM(): double
+ calculateBMI(): double
+ getBMYAnalysis(): String
+ toString(): String