BMI

- name : String

- age : int

weight : doublefeet : doubleInches : double

+ BMI(String name, int age, double weight, double feet, double

inches)

+ getBMI() : double

+ getInterpretation() : String

Queue

- element : int[]

- size : int

+ Queue()

+ Queue(int size)

+ enqueue(int v) : void

+ dequeue(): int

+ empty() : Boolean

+ getSize(): int

Course

- courseName : String

- students : String[]

- numberOfStudents : int

+ Course(String courseName)

+ addStudent(String student) : void

+ getStudents(): String

+ getNumberOfStudents(): int

+ getCourseName(): String

+ dropStudent(String student) : int

+ clear() : void

Account

- id : int

- balance : double

- annualInterestRate : double

- dateCreated : Date

+ Account()

+ getId(): int

+ setId(int id) : void

+ getBalance(): int

+ setBalance(int balance) : void

+ getAnnualInterestRate(): int

+ setAnnualInterestRate(double balance) : void

+ getDateCreated(): Date

+ getMonthlyInterestRate(): double

+ getMonthlyInterest() : double

+ deposit(double money) : void

+ withdraw(double money) : void

- fillingStatus : int

- status : String[]- brackets : int[][]

- rates : double[]

- taxableIncome : double

+ Tax()

+ Tax(int fillingStatus, int[][] brackets, double[] rates, double

Tax

taxableIncome)

+ setStatus(int fillingStatus) : void

+ getBrackets(): int[][]

+ setBrackets(int[][] brackets) : void

+ getRates() : double[]

+ setRates(double[] rates) : void

+ getTaxableIncome() : double

+ setTaxableIncome(double taxableIncome) : void

+ getTax() : double