

(C) Swimming Attributes MET\_VALUE : final double distance : int -Constructors -Swimming() Swimming(name : String, duration : int, intensity : int, hard: boolean, calories: int) • Swimming(name : String, duration : int, intensity : int, hard: boolean, calories: int, distance: int) • Swimming(name : String, duration : int, intensity : int, hard: boolean, calories: int, attributes: ArrayList<Integer>) Swimming(distance : Swimming) getDistance(): int getAltimetry() : int Setters setDistance(distance : int) : void toString(): String equals(o : Object) : boolean clone() : Activity calculateCalories(u : User) : int isDistanceBased() : boolean isAltimetryBased() : boolean getAttributes() : ArrayList<String> setAttributes(attributes : ArrayList<Integer>) : void C Treadmill Attributes MET\_VALUE : final double distance : int -Constructors -Treadmill() Treadmill(name : String, duration : int, intensity : int, hard: boolean, calories: int) • Treadmill(name : String, duration : int, intensity : int, hard: boolean, calories: int, distance: int) Treadmill(name : String, duration : int, intensity : int, hard : boolean, calories : int, attributes : ArrayList<Integer>) Treadmill(distance : Treadmill) getDistance() : int getAltimetry() : int Setters setDistance(distance : int) : void toString(): Stringequals(o: Object): boolean clone() : Activity calculateCalories(u : User) : int isDistanceBased() : boolean setAttributes(attributes : ArrayList<Integer>) : void (C) TrailRunning Constructors TrailRunning(name : String, duration : int, intensity : int, TrailRunning(name : String, duration : int, intensity : int, hard: boolean, calories: int, distance: int, altimetry: int) TrailRunning(name : String, duration : int, intensity : int, hard : boolean, calories : int, attributes : ArrayList<Integer>) TrailRunning(distanceAltimetry : TrailRunning) Others methods setAttributes(attributes : ArrayList<Integer>) : void Constructors BTT(name : String, duration : int, intensity : int, BTT(name : String, duration : int, intensity : int, hard: boolean, calories: int, distance: int, altimetry: int)

BTT(name: String, duration: int, intensity: int, hard : boolean, calories : int, attributes : ArrayList<Integer>) setAttributes(attributes : ArrayList<Integer>) : void **C** RopeJumping Constructors RopeJumping(name : String, duration : int, intensity : int, RopeJumping(name : String, duration : int, intensity : int, hard : boolean, calories : int, repetition : int) RopeJumping(name : String, duration : int, intensity : int, hard: boolean, calories: int, attributes: ArrayList<Integer>) RopeJumping(repetition : RopeJumping) setAttributes(attributes : ArrayList<Integer>) : void C Stretching -Constructors Stretching(name : String, duration : int, intensity : int, Stretching(name : String, duration : int, intensity : int, hard : boolean, calories : int, repetition : int) Stretching(name : String, duration : int, intensity : int, hard: boolean, calories: int, attributes: ArrayList<Integer>) Others methods setAttributes(attributes : ArrayList<Integer>) : void (C) Weightlifiting Constructors • Weightlifiting(name : String, duration : int, intensity : int, • Weightlifiting(name: String, duration: int, intensity: int, hard: boolean, calories: int, repetition: int, weight: int) Weightlifiting(name : String, duration : int, intensity : int, hard: boolean, calories: int, attributes: ArrayList<Integer>) Weightlifiting(repetitionWeight : Weightlifiting) Others methods setAttributes(attributes : ArrayList<Integer>) : void (C) Pilates

MET\_VALUE : final double

hard : boolean, calories : int)

Pilates(repetitionWeight : Pilates)

setRepetition(repetition : int) : voidsetWeight(weight : int) : void

Constructors

hard: boolean, calories: int, repetition: int, weight: int)
Pilates(name: String, duration: int, intensity: int,

hard : boolean, calories : int, attributes : ArrayList<Integer>)

Getters

Setters

Others methods

setAttributes(attributes : ArrayList<Integer>) : void

• Pilates(name : String, duration : int, intensity : int,

• Pilates(name : String, duration : int, intensity : int,

repetition : int weight : int

getRepetition(): intgetWeight(): int

o toString(): String

getDistance() : intgetAltimetry() : int

clone() : Activity

equals(o : Object) : boolean

isDistanceBased(): booleanisAltimetryBased(): booleangetAttributes(): ArrayList<String>

calculateCalories(u : User) : int

Pilates()

activities

(C) Plan