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Mã sinh viên : 1911505310271

1. Mã code

class Man

    def initialize(name, gender, haircolor, height, weight, phone)

        @name = name

        @gender = gender

        @haircolor = haircolor

        @height = height

        @weight = weight

        @phone = phone

    end

    def thongTin()

        print "Tên: #{@name} "

    end

end

class Student < Man

    def initialize(name, gender, haircolor, height, weight, phone, shcool, studentId, grade1, grade2, grade3)

        super(name, gender, haircolor, height, weight, phone)

        @shcool = shcool

        @studentId = studentId

        @grade1 = grade1

        @grade2 = grade2

        @grade3 = grade3

    end

    def average

        sum = @grade1 + @grade2 + @grade3

        avg =  (sum.to\_f / 3).round(2)

        return avg

    end

    def thongTin()

        super()

        print "Tên: #{@name} "

        print "Mã sinh viên: #{@studentId} "

        print "Điểm trung bình: #{average} "

    end

end

std1 = Student.new("Nhu Y 1", "Nữ", "Đen", 1.55, 45, "0327048268", "DHSPKT-DHDN", "1911505310271", 10, 9, 8)

std2 = Student.new("Nhu Y 2", "Nữ", "Đen", 1.56, 46, "0327048267", "DHSPKT-DHDN", "1911505310261", 8, 9, 8)

std3 = Student.new("Nhu Y 3", "Nữ", "Đen", 1.57, 47, "0327048266", "DHSPKT-DHDN", "1911505310251", 10, 9, 9)

std4 = Student.new("Nhu Y 4", "Nữ", "Đen", 1.58, 48, "0327048265", "DHSPKT-DHDN", "1911505310241", 7, 9, 8)

std = []

std << std1

std << std2

std << std3

std << std4

std = std.sort\_by {|s| [-s.average]}

std.each do |s|

    puts s.thongTin

end

1. Kết quả chạy

