public class Sorting {

Subject [] subjects;

int eSize;

public Sorting(int size) {

this.eSize = 0;

this.subjects = new Subject[size];

}

public void insert(Subject s) {

this.subjects[eSize++] = s;

}

public void show() {

for(int i=0; i < eSize; i++) {

System.out.println(this.subjects[i]);

}

}

public void Sort() {

int in = 0, out;

for(out = eSize - 1; out > 0; out--) {

for(in = 0; in < out; in++) {

if(this.subjects[in].code.compareTo(this.subjects[in+1].code) > 0) {

this.swap(in, in+1);

}

}

}

}

public void swap(int left,int right) {

Subject temp = this.subjects[left];

this.subjects[left] = this.subjects[right];

this.subjects[right] = temp;

}

สร้างเมธอท Sorting

public static void main(String[] args) {

ประกาศตัวแปร S1 และบอกจำนวน

Sorting S1 = new Sorting(3);

Subject S2 = new Subject();

ประกาศตัวแปล

Subject S3 = new Subject();

Subject S4 = new Subject();

S2.setCode("[1010]");

S2.setName("-Physics-");

S2.setUnit(3);

S2.setGrad("C");

S3.setCode("[1050]");

S3.setName("-English-");

S3.setUnit(2);

S3.setGrad("B");

ใส่ค่าที่กำหนดไว้ code name unit grad

S4.setCode("[1020]");

S4.setName("-Math-");

S4.setUnit(3);

S4.setGrad("D");

S1.insert(S2);

S1.insert(S3);

S1.insert(S4);

เรียงค่าจากน้อยไปมาก

S1.Sort();

S1.show();

แสดงผล

}

}