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Data Structure

Lab #1

**I.**

**public** **class** Home {

**protected** **int** id;

**protected** **float** price;

**protected** String location;

**protected** String advertiser;

**protected** **byte** image;

**public** Home() {

id = 0;

price = 0;

location = "";

advertiser = "";

image = 0;

}

**public** Home(**int** idnum, **float** prc, String loc, String add, **byte** im) {

id = idnum;

price = prc;

location = loc;

advertiser = add;

image = im;

}

**public** Home(Home h) {

id = h.id;

price = h.price;

location = h.location;

advertiser = h.advertiser;

image = h.image;

}

**public** **int** getid() {

**return** id;

}

**public** **void** setid(**int** id) {

**this**.id = id;

}

**public** String getlocation() {

**return** location;

}

**public** **void** setlocation(String location) {

**this**.location = location;

}

**public** String getadvertiser() {

**return** advertiser;

}

**public** **void** setadvertiser(String advertiser) {

**this**.advertiser = advertiser;

}

**public** **float** getprice() {

**return** price;

}

**public** **void** setprice(**float** price) {

**this**.price = price;

}

**public** **byte** getimage() {

**return** image;

}

**public** **void** setimage(**byte** image) {

**this**.image = image;

}

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

}

}

II.Create a photo class with two attributes of your choosing and implement all constructurs, getters setters and to string.

**public** **class** Photo {

**private** **double** height;

**private** **double** width;

**public** Photo() {

height = 0;

width = 0;

}

**public** Photo(**double** height, **double** width) {

**this**.height = height;

**this**.width = width;

System.***out***.printf("%s\n",**this**);

}

**public** Photo(Photo p) {

height = p.height;

width = p.width;

}

**public** **double** getheight() {

**return** height;

}

**public** **void** setheight(**double** height) {

**this**.height = height;

}

**public** **double** getwidth() {

**return** width;

}

**public** **void** setwidth(**double** width) {

**this**.width = width;

}

**public** String toString() {

**return** String.*format*("%f/%f", height,width);

}

**public** **static** **void** main(String[] arg) {

Photo p = **new** Photo(1.32,2.53);

}

}