



//Base class for getting split names

public class Namer {

//parts stored here

protected string frName, lName;

//return first name

public string getFrname(){

return frName;

}

//return last name

public string getLname() {

return lName;

}

}

public class FirstFirst : Namer {

public FirstFirst(string name) {

int i = name.Trim().IndexOf (" ");

if(i > 0) {

frName = name.Substring (0, i).Trim ();

lName = name.Substring (i + 1).Trim ();

}

else {

lName = name;

frName = "";

}

}

}

public class LastFirst : Namer {

public LastFirst(string name) {

int i = name.IndexOf (",");

if(i > 0) {

lName = name.Substring (0, i);

frName = name.Substring (i + 1).Trim ();

}

else {

lName = name;

frName = "";

}

}

}

public class NameFactory {

public NameFactory() {}

public Namer getName(string name) {

int i = name.IndexOf (",");

if(i > 0)

return new LastFirst (name);

else

return new FirstFirst (name);

}

}

