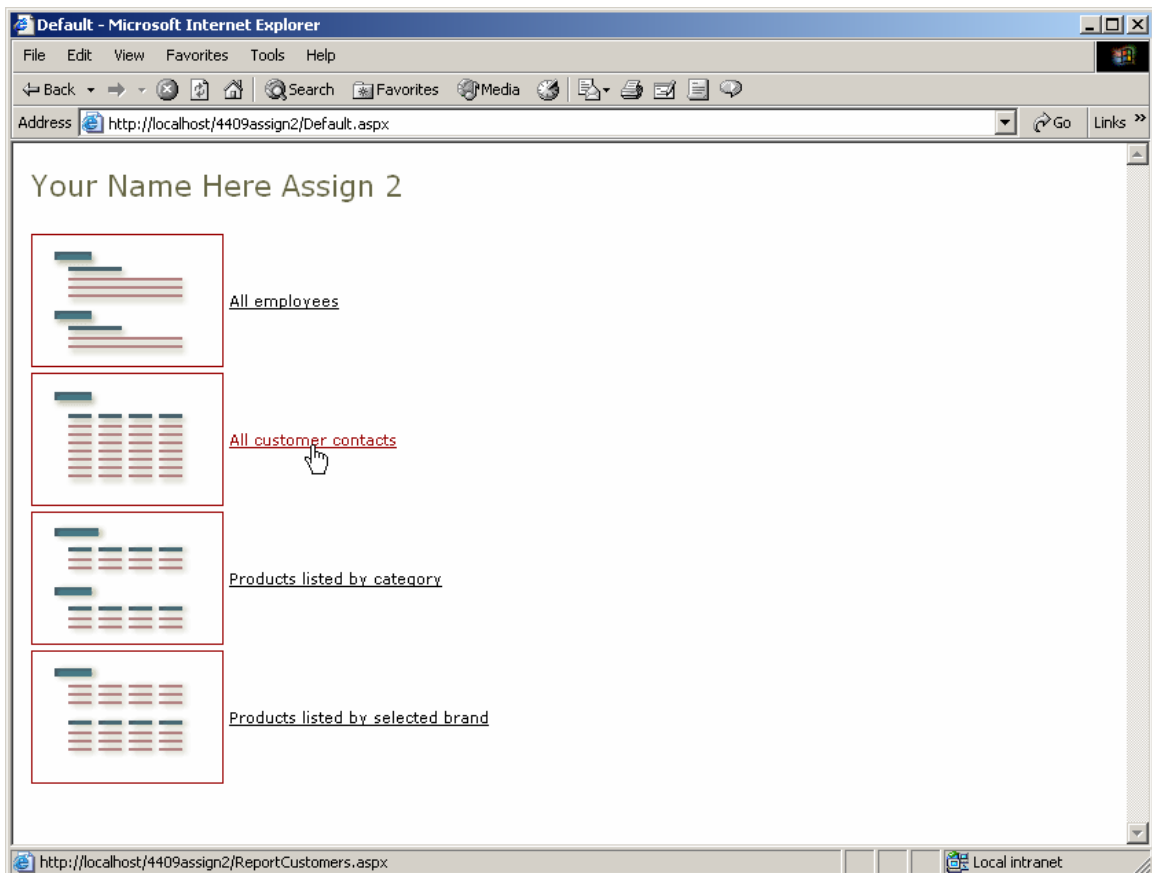


Assignment #2: ASP.NET and ADO.NET

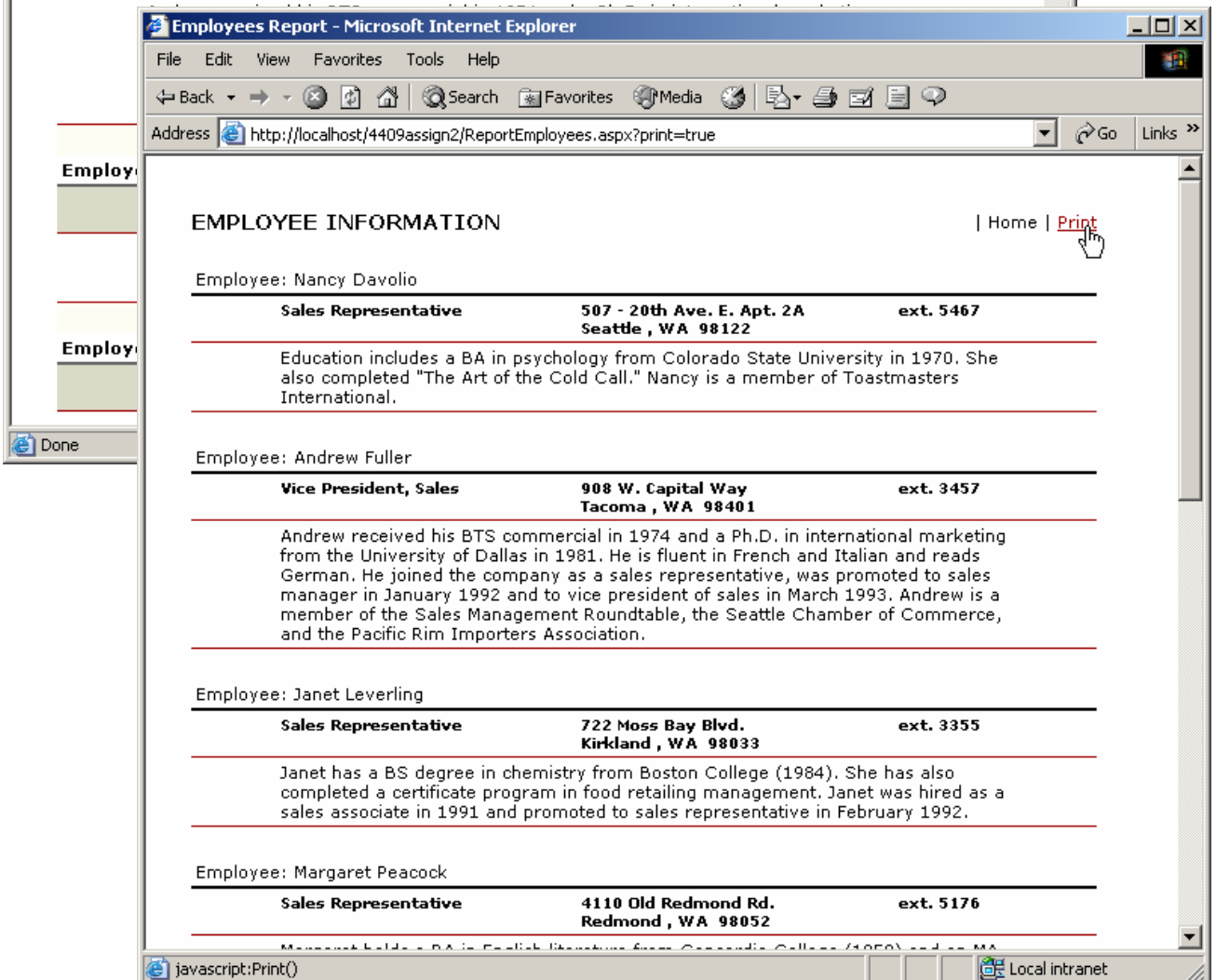
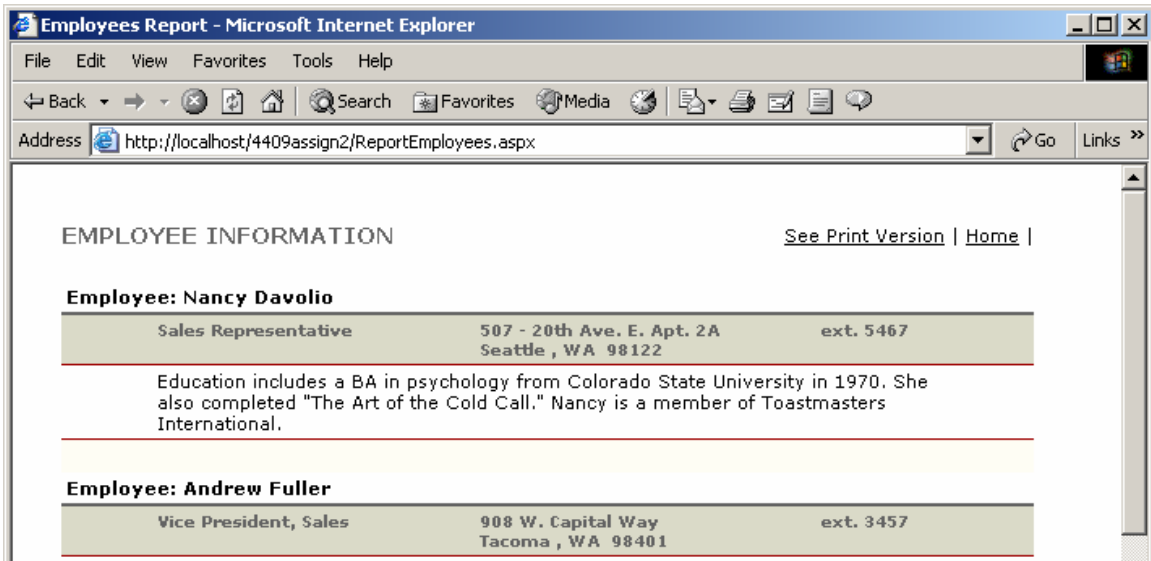
Due at

For this assignment you are to use ASP.NET and ADO.NET to create a site that satisfies the following requirements:

1. The home page **must** be named `default.aspx`
2. The home page must look quite similar to the below. You have been provided with an `images` folder that contains the necessary images.
3. The four links in the home page must go to four different `aspx` pages. These pages are described below.
4. The site **must** use CSS for text and color formatting (tables are okay for structure). The site must have two different style sheets: one for on-screen viewing, one for printing (more on this below).
5. You must use the supplied Microsoft Access `Assign2.mdb` database.



6. The **All Employees** page must look as shown below. The information displayed can be found in the Employees table of the database. For all four of the pages, the Home link should return the user to the home page, and the See Print Version link should display the same page but use the print style sheet. The Print link in the print version should invoke the Javascript Print() method. Notice that different links are visible (hint, hint) in the two versions. This page should use a Repeater control.



- The **All Customer Contacts** page must look as below. The information displayed can be found in the Customers table of the database. This page should use a GridView control, since each of the column headings should operate as links, and you should be able to move between pages of 20 customer contact records each.

CUSTOMER CONTACTS [See Print Version](#) | [Home](#) |

Company	Contact	Title	Telephone	City
Alfreds Futterkiste	Maria Anders	Sales Representative	030-0074321	Berlin
Ana Trujillo Emparedados y helados	Ana Trujillo	Owner	(5) 555-4729	México D.F.
Antonio Moreno Taquería	Antonio Moreno	Owner	(5) 555-3932	México D.F.
Around the Horn	Thomas Hardy	Sales Representative	(171) 555-7788	London
Berglunds snabbköp	Christina Berglund	Order Administrator	0921-12 34 65	Luleå
Blauer See Delikatessen	Hanna Moos	Sales Representative	0621-08460	Mannheim
Blondesddsl père et fils	Frédérique Citeaux	Marketing Manager	88.60.15.31	Strasbourg
Bólido Comidas preparadas	Martín Sommer	Owner	(91) 555 22 82	Madrid
Bon app'	Laurence Lebihan	Owner	91.24.45.40	Marseille
Bottom-Dollar Markets	Elizabeth Lincoln	Accounting Manager	(604) 555-4729	Tsawassen
B's Beverages	Victoria Ashworth	Sales Representative	(171) 555-1212	London
Cactus Comidas para llevar	Patricio Simpson	Sales Agent	(1) 135-5555	Buenos Aires
Centro comercial Moctezuma	Francisco Chang	Marketing Manager	(5) 555-3392	México D.F.
Chop-suey Chinese	Yang Wang	Owner	0452-076545	Bern
Comércio Mineiro	Pedro Afonso	Sales Associate	(11) 555-7647	Sao Paulo
Consolidated Holdings	Elizabeth Brown	Sales Representative	(171) 555-2282	London
Drachenblut Delikatessen	Sven Ottlieb	Order Administrator	0241-039123	Aachen
Du monde entier	Janine Labrune	Owner	40.67.88.88	Nantes
Eastern Connection	Ann Devon	Sales Agent	(171) 555-0297	London
Ernst Handel	Roland Mendel	Sales Manager	7675-3425	Graz

1 2 3 4 5

javascript: __doPostBack('CustomerGrid\$_ctl2\$_ctl1','')

8. The **Products listed by category** page must look as below. The information displayed can be found in the `Categories` and `Products` tables of the database. Notice that you will have to calculate the profit column (net price – cost), the total number of product within category, and the average profit for the category. You will probably need to nest a data control (`GridView`, `DataList`, or `Repeater`) within another data control.

ReportProductsByCategory - Microsoft Internet Explorer

Address: <http://localhost/4409assign2/ReportProductsByCategory.aspx>

PRODUCTS BY CATEGORY [See Print Version](#) | [Home](#)

Amplifiers

Product	Model	Net Price	Cost	Profit
100-Watt Stereo Amplifier	M-282	\$299.95	\$225.00	\$74.95
High-current 2 x 75-Watt Amplifier	SI-275 FG00770	\$499.95	\$350.00	\$149.95
250-Watt Mono Subwoofer Amplifier	SA-3	\$749.95	\$562.50	\$187.45
120-Watt Mono Subwoofer Amplifier	SA-2	\$399.95	\$300.00	\$99.95
Multi-room 12 x 30-Watt Amplifier	SI-1230 FG00737	\$999.95	\$750.00	\$249.95

Total Number of Amplifiers : 5 Average profit for Amplifiers : \$152.45

Hi8 and Digital8 Camcorders

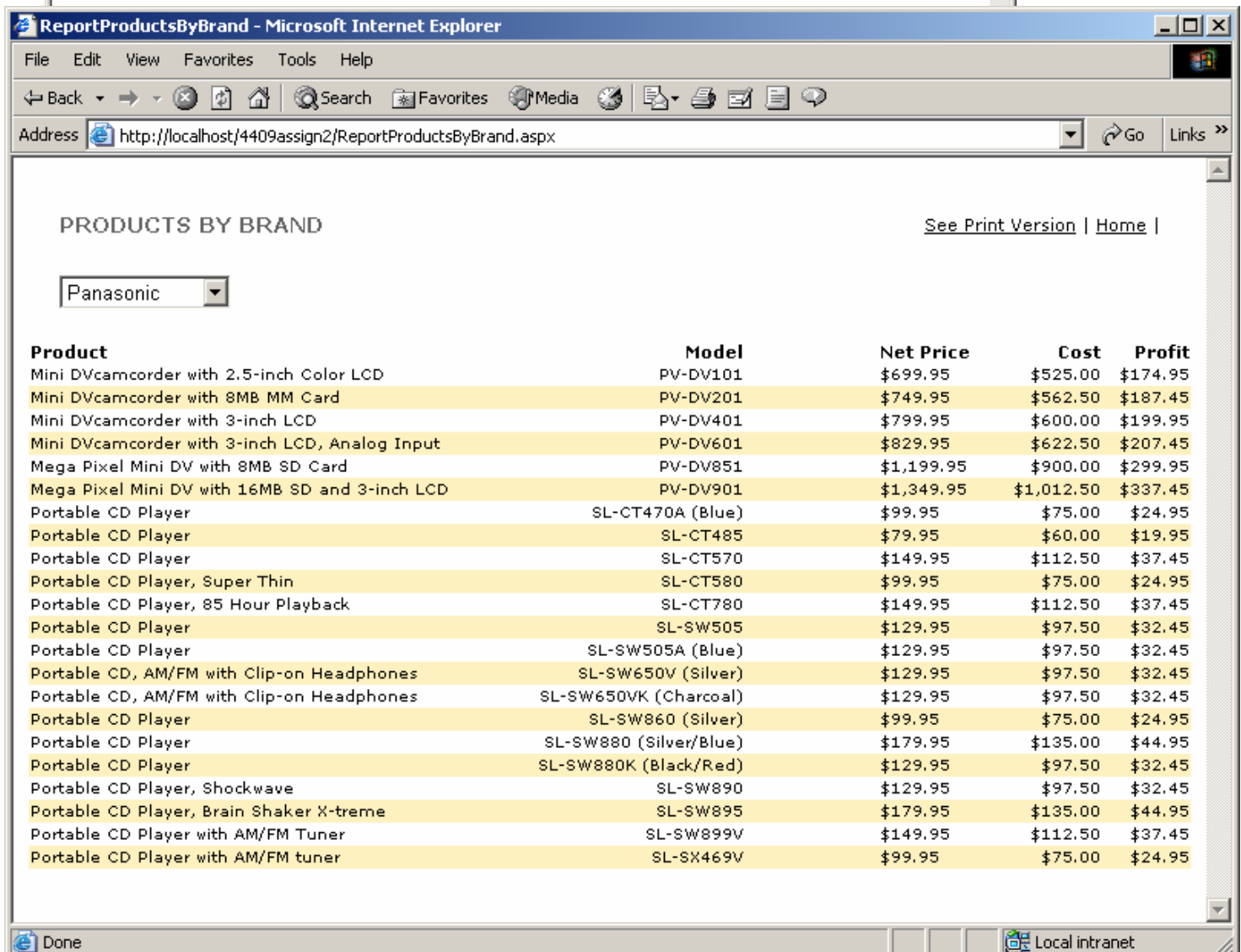
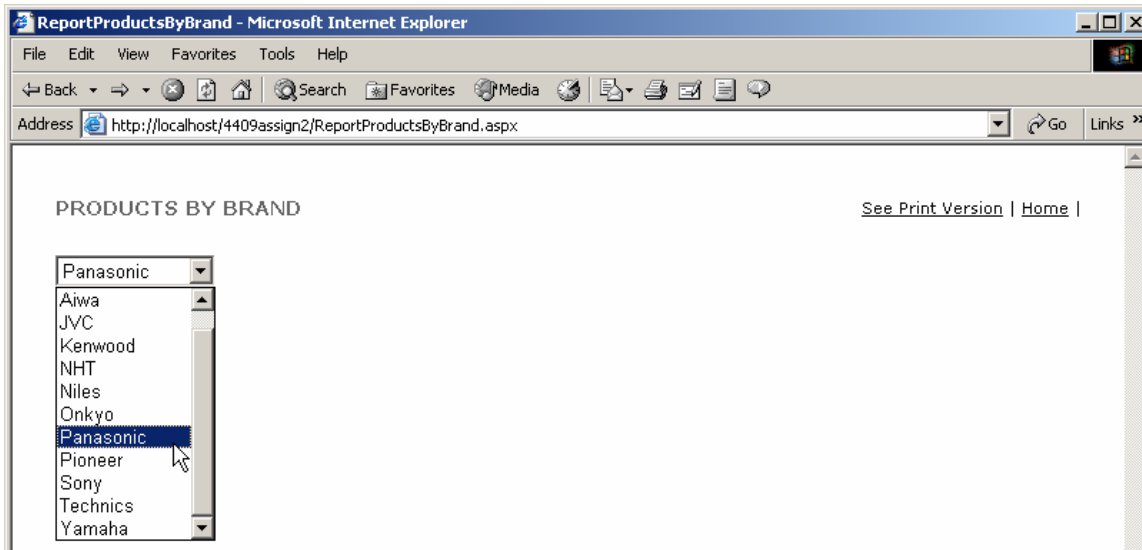
Product	Model	Net Price	Cost	Profit
Hi8 Camcorder with 2.5-inch LCD	CCD-TRV58	\$349.95	\$262.50	\$87.45
Hi8 Camcorder with 2.5-inch LCD and SteadyShot	CCD-TRV68	\$399.95	\$300.00	\$99.95
Hi8 Camcorder with 3-inch LCD and SteadyShot	CCD-TRV88	\$449.95	\$337.50	\$112.45
Hi8 Camcorder with 3.5-inch LCD and SteadyShot	CCD-TRV98	\$499.95	\$375.00	\$124.95
MiniDisc Camcorder	DCM-M1	\$1,499.95	\$1,125.00	\$374.95
Digital 8 Camcorder	DCR-TRV130	\$399.95	\$300.00	\$99.95
Digital 8 Camcorder with 2.5-inch LCD	DCR-TRV230	\$599.95	\$450.00	\$149.95
1.5 Mega Pixel Mini DV Camcorder	DCR-TRV30	\$1,299.95	\$975.00	\$324.95
Digital 8 Camcorder with 2.5-inch LCD and USB	DCR-TRV330	\$749.95	\$562.50	\$187.45
Digital 8 Camcorder with 3.5-inch LCD	DCR-TRV530	\$699.95	\$525.00	\$174.95
Digital 8 Camcorder with Memory Stick	DCR-TRV730	\$749.95	\$562.50	\$187.45
Digital 8 camcorder	DCR-TRV820	\$899.95	\$675.00	\$224.95
Digital 8 Camcorder with Printer	DCR-TRV830	\$849.95	\$637.50	\$212.45

Total Number of Hi8 and Digital8 Camcorders : 13 Average profit for Hi8 and Digital8 Camcorders : \$181.68

Cassette Decks

Product	Model	Net Price	Cost	Profit
Dubbing Cassette Deck	TD-W254	\$169.95	\$127.50	\$42.45
Dubbing Cassette Deck	CT-405	\$149.95	\$112.50	\$37.45
Dubbing Cassette Deck	TA-RW244	\$169.95	\$127.50	\$42.45
Dubbing Cassette Deck	CT-W606DR	\$229.95	\$172.50	\$57.45
3-head Cassette Deck (ES)	TC-KA1ESA	\$299.95	\$225.00	\$74.95
3-head Cassette Deck (ES)	TC-KA3ES	\$799.95	\$600.00	\$199.95
Dubbing Cassette Deck (ES)	TC-WA7ESA	\$299.95	\$225.00	\$74.95
Dubbing Cassette Deck (ES)	TC-WA8ES	\$299.95	\$225.00	\$74.95

- The **Products listed by selected brand** page must look as below. The information displayed can be found in the Products and Brands tables of the database. When first viewing this page, you should see just a drop-down list of brands (see below). After the user selects the brand, it should then display all the products for that brand.



10. You will be evaluated using both functional criteria (i.e., does the program work correctly) and design criteria (i.e., programming design).
11. Place common functionality within shared classes. For instance, all of your pages will need some way to connect to a database. Generalize that code out into a separate class rather than having duplicate code in your four pages.
12. Put database connection details into the `web.config` file.
13. Be sure to document your code.
14. Use relative references for files. When I mark your assignment, my drive will not match yours.
15. Submit your assignment by copying the entire folder for your assignment to the submit drive. This folder should be a self-contained application, meaning that it contains all the pages, classes, and assemblies necessary to run the assignment.