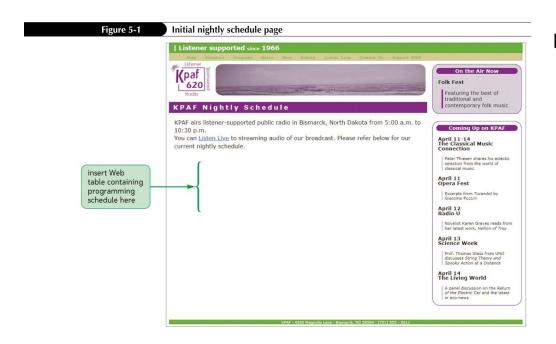
## TUTORIAL 5

WORKING WITH TABLES AND COLUMNS

## INSERTING A TABLE

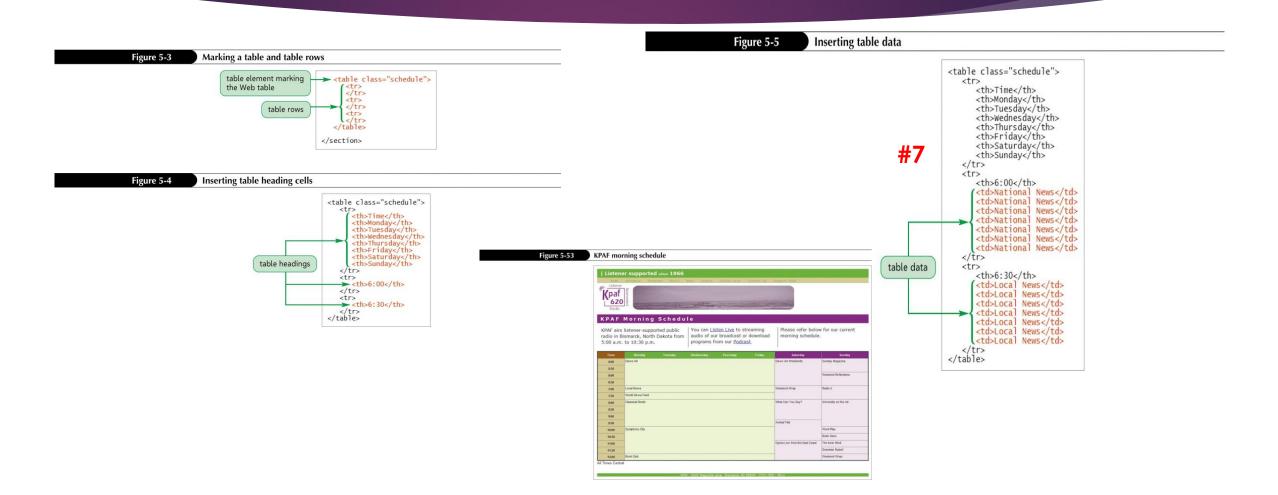


#### gure 5-2

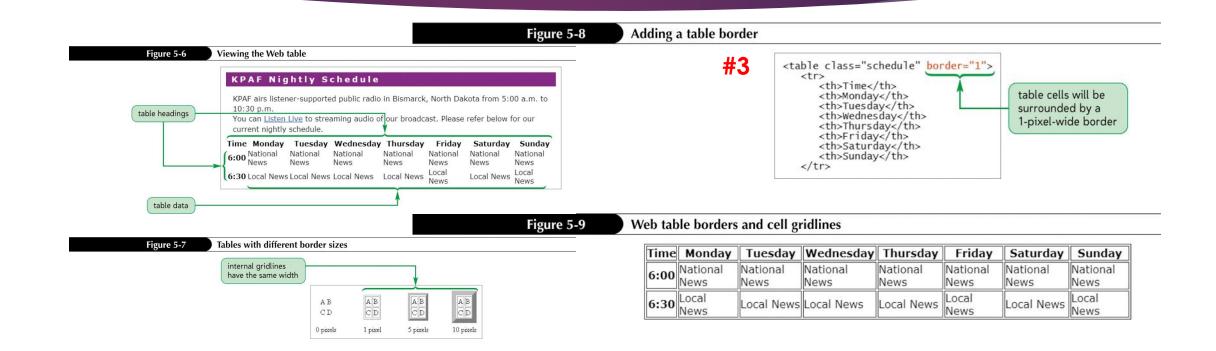
#### KPAF nightly schedule

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
6:00	National News						
6:30	Local News						
7:00	Opera Fest	Radio U	Science Week	The Living World	Word Play	Agri-Week	Folk Fest
7:30					Brain Stew	Bismarck Forum	
8:00	The Classi	cal Music Co	nnection		Old Time Radio	Saturday Nite	The Indie Connection
8:30					The Inner Mind	Jazz	
9:00					Open Mike Nite		
9:30							
10:00	World News Feed						

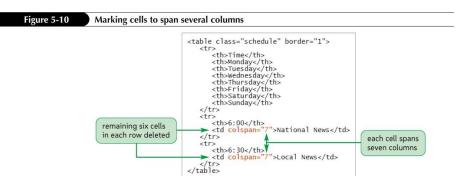
## MARKING A TABLE, ROWS, HEADING CELLS AND DATA



## ADDING TABLE BORDERS AND CELL GRIDLINES



#### COLUMN-SPANNING CELLS



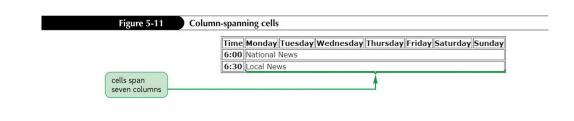


Figure 5-53 KPAF morning schedule

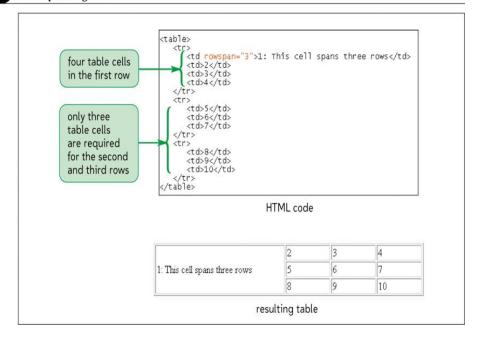
#8

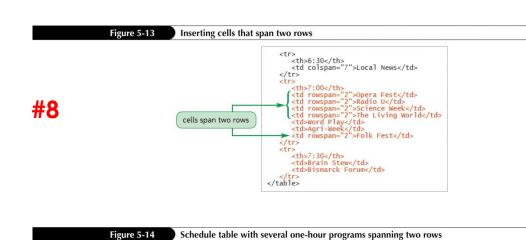


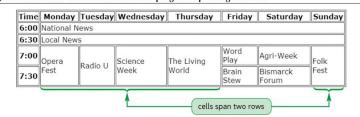
#### ROW-SPANNING CELLS

Figure 5-12

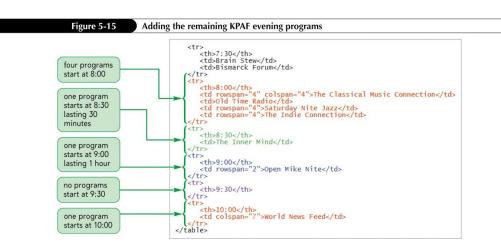
#### Row-spanning cell







### ADDING MORE ROWS



#### Figure 5-16 The

#### The complete KPAF evening schedule

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
6:00	National	News					***	
6:30	Local Nev	NS						
7:00	Opera		Science	The Living	Word Play	Agri-Week		
7:30			Week World		Brain Stew	Bismarck Forum	Folk Fest	
8:00					Old Time Radio			
8:30	The Class	sical Music	Connection	The Inner Mind	Saturday Nite Jazz	The Indie Connection		
9:00					Open			
9:30					Mike Nite			
10:00	World Ne	ws Feed						

#### INSERTING TABLE CAPTION

Figure 5-17

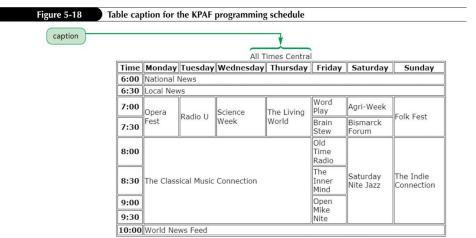
Inserting a table caption

#3,4

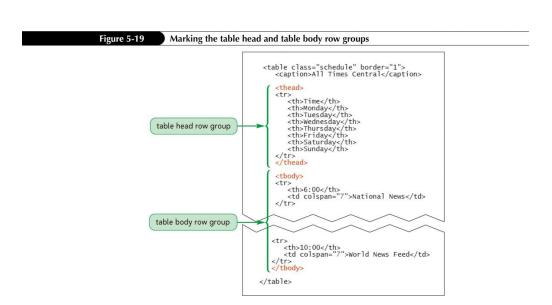
<aption>All Times Central</caption>

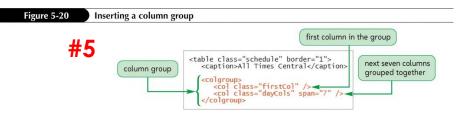
Acaption>All Times Central</caption>

Actr>
Monday
Thesday
Thesday
Thesday
Thesday
Thesday
Thesday
Thesday
Thusday
T

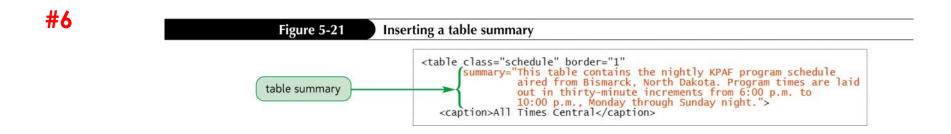


## TABLE BODY ROW AND COLUMN GROUPS





### INSERTING A TABLE SUMMARY



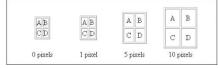
### CELL SPACING AND PADDING VALUES

Figure 5-22 Cell spacing values

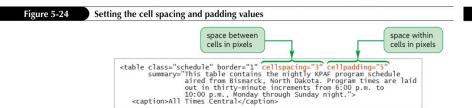
AB AB CD CD CD

O pixels 1 pixel 5 pixels 10 pixels

ure 5-23 Cell padding values



### CELL SPACING AND PADDING VALUES



Increased padding and spacing within the Web table

National N			marsaay	Tituay	Saturday	Sunday
	News					
Local New	/S					
Opera	D- 41- 11	Science	The Living	Word Play	Agri- Week	Folk Fest
Fest	Radio U	Week	World	Brain Stew	Bismarck Forum	
				Old Time Radio		
The Class	ical Music (	Connection		The Inner Mind	Saturday Nite Jazz	The Indie Connection
				Open		
				Nite Nite		
	Fest The Class	Fest Radio 0	Fest Radio U Week  The Classical Music Connection	Fest Radio U Week World  The Classical Music Connection	Opera Fest Radio U Science Week World The Living Play Brain Stew  Old Time Radio The Classical Music Connection  The Classical Music Connection  Old Time Radio The Inner Mind Open Mike Nite	Opera Fest Radio U Science Week World Brain Stew Forum  The Living Play Week Brain Stew Forum  Old Time Radio  The Classical Music Connection  The Classical Music Connection  Open Mike Nite

## VALUES OF THE FRAME & RULES ATTRIBUTE

Figure 5-26

Values of the frame attribute

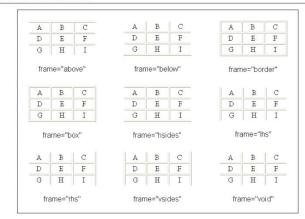
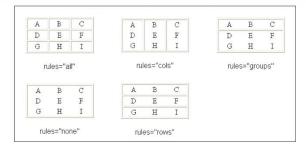


Figure 5-27 Values of the rules attribute



#### APPLYING THE VALIGN ATTRIBUTE

#12

/\* Table body cell styles \*/
table.programs tbody td {
border: 1px solid gray;
font-size: 0.7em;
vertical-align: top;
padding: 2px;

gure 5-29

#### Cell content aligned with the top of each cell

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
6:00	National I	News					
6:30	Local Nev	vs					
7:00			Word Play	Agri- Week	Folk Fest		
7:30					Brain Stew	Bismarck Forum	
8:00	The Class	sical Music (	Connection		Old Time Radio	Saturday Nite Jazz	The Indie Connection
8:30					The Inner Mind		
9:00 9:30					Open Mike Nite		
10:00	World Ne	ws Feed					

## TABLE AND CELL BORDERS

#### 

Figure 5-31 Table and cell borders

Гime	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
6:00	National	News					
6:30	Local Nev	NS					
7:00	Opera		Science Week	The Living World	Word Play	Agri-Week	Folk Fest
7:30	Fest	Radio U			Brain Stew	Bismarck Forum	
8:00					Old Time Radio		
8:30	The Class	sical Music	Connection		The Inner Mind	Saturday Nite Jazz	The Indie Connection
9:00 9:30				Open Mike Nite			

### SEPARATE AND COLLAPSED BORDERS

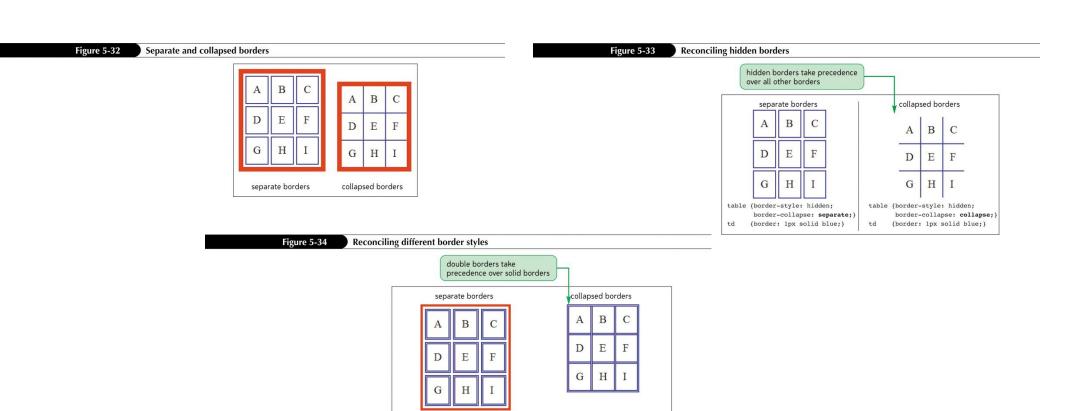


table {border-style: 5px solid red; table {border-style: 5px solid red;

{border: 5px double blue;} td {border: 5px double blue;}

border-collapse: collapse;}

border-collapse: separate;}

### ADDING THE BORDER-COLLAPSE STYLE

Figure 5-36

Schedule table with collapsed borders

#10

Adding the border-collapse style

table.schedule {
 border: 10px outset rgb(153, 0, 153);
 border-collapse:
}

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
6:00	National	News		-			
6:30	Local Nev	VS			1000		100
7:00	Opera	D - 4:- 11	Science The Living Week World	Word Play	Agri-Week		
7:30	Fest	Radio U		World	Brain Stew	Bismarck Forum	Folk Fest
8:00			,		Old Time Radio	Saturday The I	The Indie
8:30	The Class	sical Music	Connection		The Inner Mind		
9:00					Open		
9:30				Mike Nite			

# LEVELS OF PRECEDENCE IN WEB TABLE STYLES

Figure 5-37

Levels of precedence in Web table styles

table cells
rows
row groups
columns
column groups
table

lowest
precedence

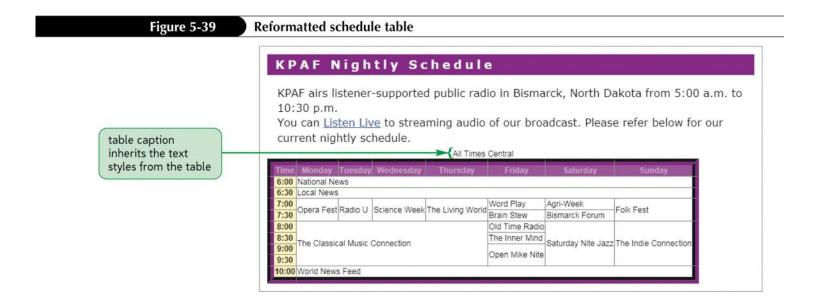
## ADDING FONT AND COLOR STYLES TO TABLE

#10

Figure 5-38 Adding font and color styles to the schedule table

```
table.schedule {
                           border: 10px outset rgb(153, 0, 153);
                           border-collapse: collapse;
font-family: Arial, Helvetica, sans-serif;
font styles for the
table text
                          font-size: 0.75em;
                       table.schedule th, table.schedule td {
                           border: 1px solid gray;
                        /* Table header styles */
                        table.schedule thead {
                           background-color: rgb(203, 50, 203);
styles for the table
                           color: white;
header row group
                           color: rgba(255, 255, 255, 0.5);
                       /* Styles for the first column */
styles for the first
                       table.schedule col.firstCol {
column of the table
                           background-color: rgb(255, 255, 192);
```

### REFORMATTED TABLE



### SETTING TABLE WIDTH

#10

Figure 5-40

Setting the width of the schedule table

```
table.schedule {
  border: 10px outset rgb(153, 0, 153);
  border-collapse: collapse;
  font-family: Arial, Helvetica, sans-serif;
  font-size: 0.75em;
  width: 100%;
}
```

Figure 5-41

Table width set to 100%

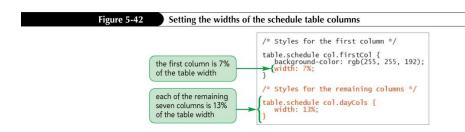
#### KPAF Nightly Schedule

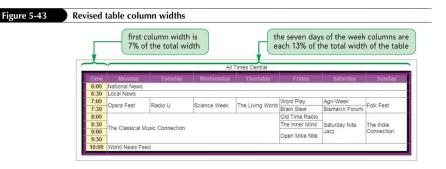
KPAF airs listener-supported public radio in Bismarck, North Dakota from  $5\!:\!00$  a.m. to  $10\!:\!30$  p.m.

You can <u>Listen Live</u> to streaming audio of our broadcast. Please refer below for our current nightly schedule.

				All Times	s Central		
	Monday						
6:00	National Nev	WS					
6:30	Local News						
7:00	0	ra Fest Radio U Science Week The Living Wo	The Living World	Word Play	Agri-Week	Folk Fest	
7:30	Opera Fest	Radio U	Science Week	The Living World	Brain Stew	Bismarck Forum	FOIK Fest
8:00					Old Time Radio		
8:30	The Classica	al Music Co	ti		The Inner Mind	Saturday Nite Jazz	The Indie Connection
9:00	The Classica	at music Co	nnection		O Mile Mile		
9:30					Open Mike Nite		
10:00	World News	Feed					

#### SETTING TABLE COLUMN WIDTHS





## SETTING TABLE ROW HEIGHT & ALIGNING TABLE DATA CELLS

#### #13,14

Figure 5-44 Setting the height of the table rows

table.schedule thead {
 background-color: rgb(203, 50, 203);
 color: white;
 color: rgba(255, 255, 255, 0.5);
}

height of the row
 within the table
 header

heights of the rows
 within the table body

heights of the rows
 within the table body

| A table.schedule thead tr {
 height: 50px;
 }

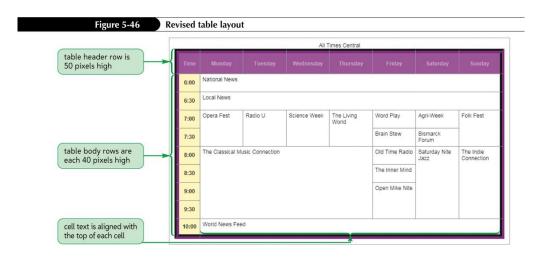
| A table.schedule thead tr {
 height: 40px;
 }

| A table.schedule thead tr {
 height: 40px;
 }

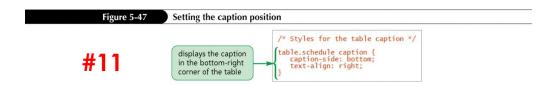
Figure 5-45 Vertically alignment

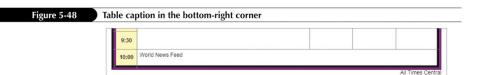
Vertically aligning the table data cells in the table body

/\* Table body styles \*/
table.schedule tbody tr {
 height: 40px;
}
table.schedule tbody td {
 padding: 5px;
 vertical-align: top;
}



### TABLE CAPTION





## Header & Column Groups (#15,16)

#### Header Row Group

```
table programs th {
   font-size: 0.9em;
   border: 2px solid black;
}

table programs thead th:first-of-type {
   background-color: rgb(xxx, xxx, xxx);
}

table programs thead th:nth-of-type(7) {
   background-color: rgb(xxx, xxx, xxx);
}

table programs thead th:nth-of-type(8) {
   background-color: rgb(xxx, xxx, xxx);
}
```

#### Column Group

```
/* Styles for the table columns */

table programs col.timeColumn {
   background-color: rgb(xxx, xxx, xxx);
   width: xx%;
}

table programs col.wDayColumns {
   background-color: rgb(xxx, xxx, xxx);
   width: xx%;
}

table programs col.wEndColumns {
   width: xx%;
   background-color: rgb(xxx, xxx, xxx);
}
```

## Three-Column Layout #17

```
#intro p {
    -moz-column-count: 3;
    -webkit-column-count: 3;
    -moz-column-gap: 20px;
    -webkit-column-gap: 20px;
    -webkit-column-gap: 20px;
    -webkit-column-gap: 20px;
    column-gap: 20px;

-moz-column-rule: 1px solid black;
    -webkit-column-rule: 1px solid black;
    column-rule: 1px solid black;
}
```

### TABLE DISPLAY STYLES

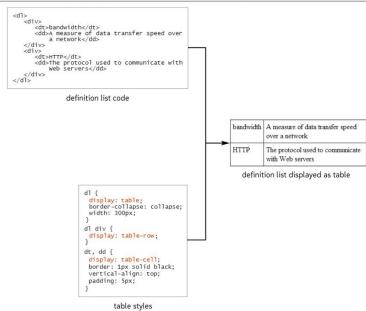
#### Figure 5-49

#### Table display styles

Display Style	Equivalent HTML Element				
display: table;	table (treated as a block-level element)				
display: table-inline;	table (treated as an inline element)				
display: table-row;	tr				
display: table-row-group;	tbody				
display: table-header-group;	thead				
display: table-footer-group;	tfoot				
display: table-column;	col				
display: table-column-group;	colgroup				
display: table-cell;	td or th				
display: table-caption;	caption				

#### Figure 5-50

#### Applying table styles to a definition list



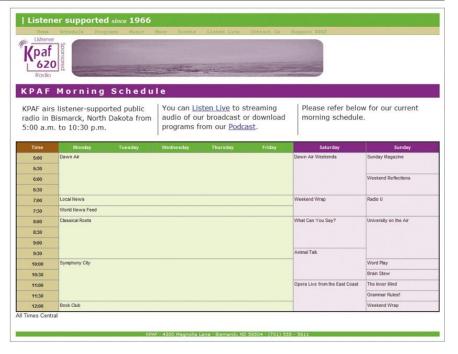
#### TWO-COLUMN STYLE

#### 

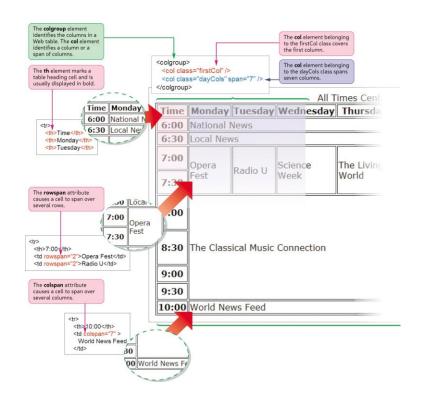


### COMPLETED TUTORIAL 5

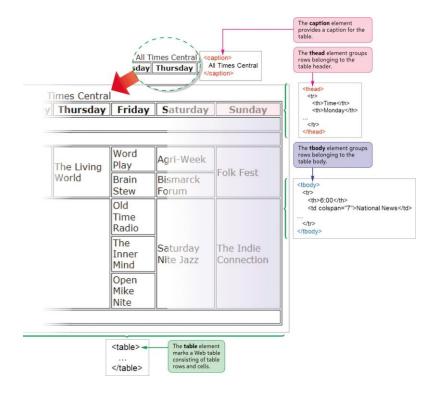




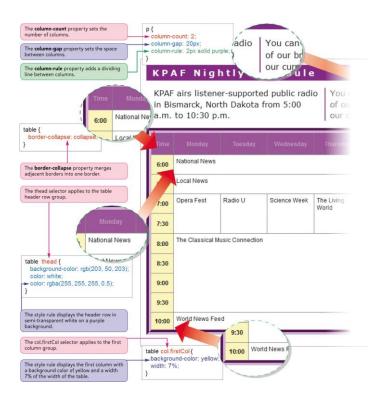
# COLUMN GROUP, ROWSPAN, COLSPAN



# TABLE ELEMENT, CAPTION, TBODY, THREAD



## COLUMN-COUNT, GAP, RULE & BORDER COLLAPSE



### TD SELECTOR & STYLE RULES

