

Table

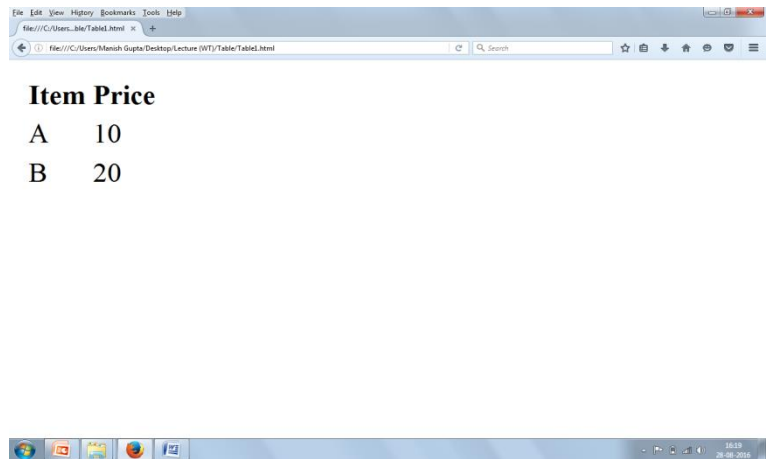
- A table is a two dimensional matrix, consisting of rows and columns.
- Table starts with <TABLE> tag and ends with </TABLE> tag.
- Each row of a table is described between <TR>.....</TR> tags.
- Each column of a table is described between <TD>.....</TD> tags.
- Table rows can be of two types:
 - **Header Rows:** Header Rows starts with <TH> tag and ends with </TH> tag. The content of header row is centred align and in bold face. This tag is used in place of <TD>.....</TD> tags.
 - **Data Rows:** Data Rows starts with <TD> tag and ends with </TD> tag. The content of data row is left align and in normal face.

Example: 1

```

<HTML>
<BODY>
<TABLE>
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR>
    <TD> A </TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD> B </TD>
    <TD> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>

```

Output: 1

The <TABLE> tag takes the following attributes:

Attribute	Value	Purpose
BORDER	Any numeric value of pixels (Default 0)	Controls the border to be placed around the table.
WIDTH	Any numeric value of pixels or percentage of available screen	Controls the width of table. If width is not specified then width of cell is adjusted based on cell values.
ALIGN	LEFT (Default) RIGHT CENTER	Controls the horizontal alignment of the table.
CELLPADDING	Any numeric value of pixels	Controls the distance between the data and the cell boundaries.
CELLSPACING	Any numeric value of pixels	Controls the spacing between the adjacent cells.

Example:2

```

<HTML>
<BODY>
<TABLE BORDER="1">
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR>
    <TD> A </TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD> B </TD>
    <TD> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>

```



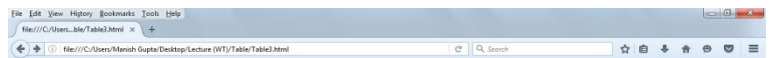
Item	Price
A	10
B	20

**Example: 3**

```

<HTML>
<BODY>
<TABLE BORDER="1" WIDTH="100%">
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR>
    <TD> A </TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD> B </TD>
    <TD> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>

```

Output: 3

Item	Price
A	10
B	20

**Example: 4**

```

<HTML>
<BODY>
<TABLE BORDER="1" ALIGN="LEFT">
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR>
    <TD> A </TD>

```

Output: 4

Item	Price
A	10
B	20

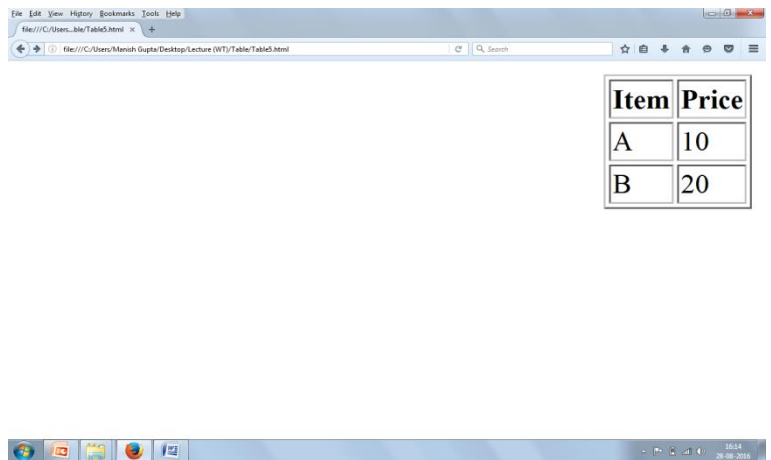


```
<TD> 10 </TD>
</TR>
<TR>
    <TD> B </TD>
    <TD> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>
```

Example: 5

Output: 5

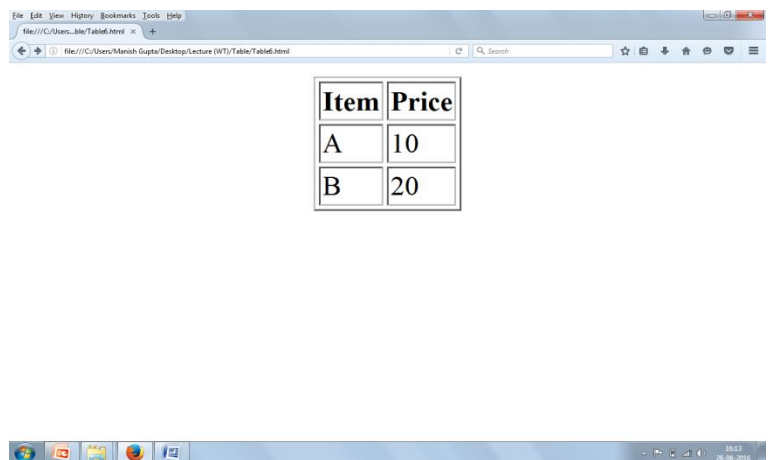
```
<HTML>
<BODY>
<TABLE BORDER="1" ALIGN="RIGHT">
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR>
    <TD> A </TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD> B </TD>
    <TD> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>
```



Example: 6

Output: 6

```
<HTML>
<BODY>
<TABLE BORDER="1" ALIGN="CENTER">
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR>
    <TD> A </TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD> B </TD>
    <TD> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>
```



Example:7

```
<HTML>
<BODY>
<TABLE BORDER="1" CELLPADDING="50">
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR>
    <TD> A </TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD> B </TD>
    <TD> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>
```

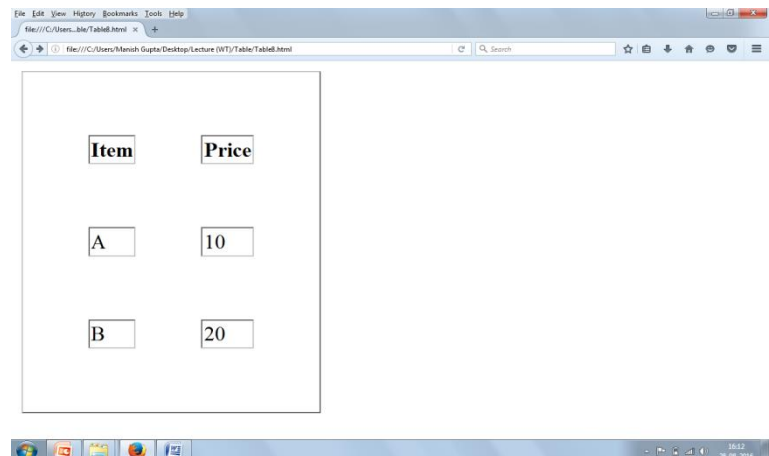
Output: 7



Example: 8

```
<HTML>
<BODY>
<TABLE BORDER="1" CELLSPACING="50">
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR>
    <TD> A </TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD> B </TD>
    <TD> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>
```

Output: 8



The <TH> and <TD> tag takes the following attributes:

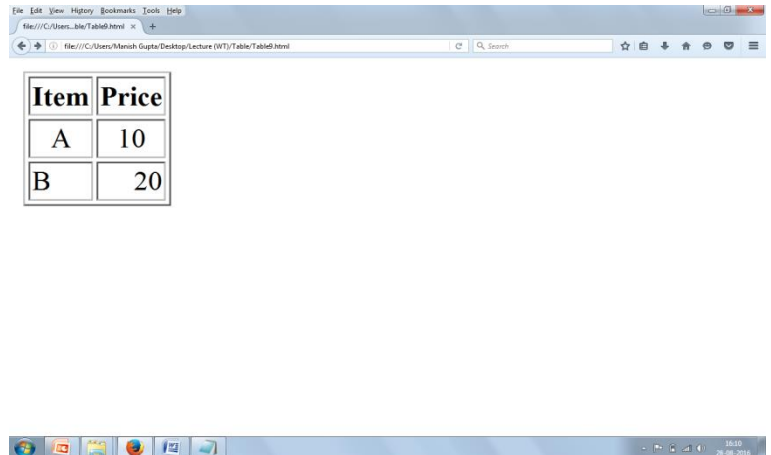
Attribute	Value	Purpose
ALIGN	LEFT (Default) RIGHT CENTER	Controls the horizontal alignment of cell content. Also used in <TR> tag to align the cell content of all cells in a row.
VALIGN	TOP (Default) MIDDLE BOTTOM	Controls the vertical alignment of the cell content.
ROWSPAN	Any numeric value	Used when one column of the table needs to be a certain number of rows wide.
COLSPAN	Any numeric value	Used when one row of the table needs to be a certain number of columns wide.

Example: 9

```

<HTML>
<BODY>
<TABLE BORDER="1">
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR ALIGN="CENTER">
    <TD> A </TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD ALIGN="LEFT"> B </TD>
    <TD ALIGN="RIGHT"> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>

```

Output: 9


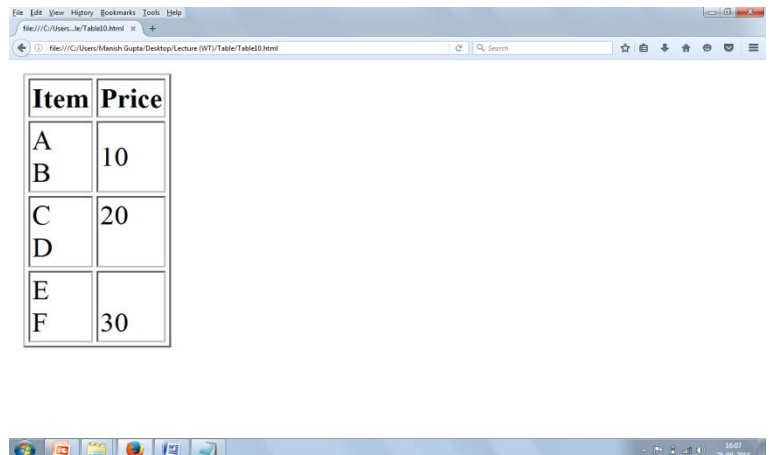
Item	Price
A	10
B	20

Example: 10

```

<HTML>
<BODY>
<TABLE BORDER="1">
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR VALIGN="MIDDLE">
    <TD>A<BR>B<BR></TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD>C<BR>D<BR></TD>
    <TD VALIGN="TOP"> 20 </TD>
</TR>
<TR>
    <TD>E<BR>F<BR></TD>
    <TD VALIGN="BOTTOM">30</TD>
</TR>
</TABLE>
</BODY>
</HTML>

```

Output: 10


Item	Price
A B C D	10
E F	20
	30

Example: 11

```
<HTML>
<BODY>
<TABLE BORDER="1">
<TR>
  <TH ROWSPAN="2"> Name</TH>
  <TH COLSPAN="3"> Subject</TH>
</TR>
<TR>
  <TD>Physics</TD>
  <TD>Chemistry</TD>
  <TD>Maths</TD>
</TR>
<TR>
  <TD>ABC</TD>
  <TD>65</TD>
  <TD>74</TD>
  <TD>87</TD>
</TR>
<TR>
  <TD>PQR</TD>
  <TD>82</TD>
  <TD>78</TD>
  <TD>92</TD>
</TR>
</TABLE>
</BODY>
</HTML>
```

Output: 11

COLSPAN

ROWSPAN

Name	Subject		
	Physics	Chemistry	Maths
ABC	65	74	87
PQR	82	78	92

Caption Tag

Table Heading is called Caption. Caption starts with `<CAPTION>` and ends with the `</CAPTION>` tag. Caption should be placed between `<TABLE>....</TABLE>` tags.

The `<CAPTION>` tag takes the following attribute:

Attribute	Value	Purpose
ALIGN	TOP (Default) BOTTOM	Controls placing of the caption with respect to the table.

Example: 12

```
<HTML>
<BODY>
<TABLE BORDER="1" WIDTH="40%">
<CAPTION>Product Description</CAPTION>
<TR>
  <TH> Item </TH>
  <TH> Price </TH>
</TR>
<TR>
  <TD> A </TD>
```

Output: 12

Item	Price
A	10
B	20

```

        <TD> 10 </TD>
    </TR>
    <TR>
        <TD> B </TD>
        <TD> 20 </TD>
    </TR>
</TABLE>
</BODY>
</HTML>

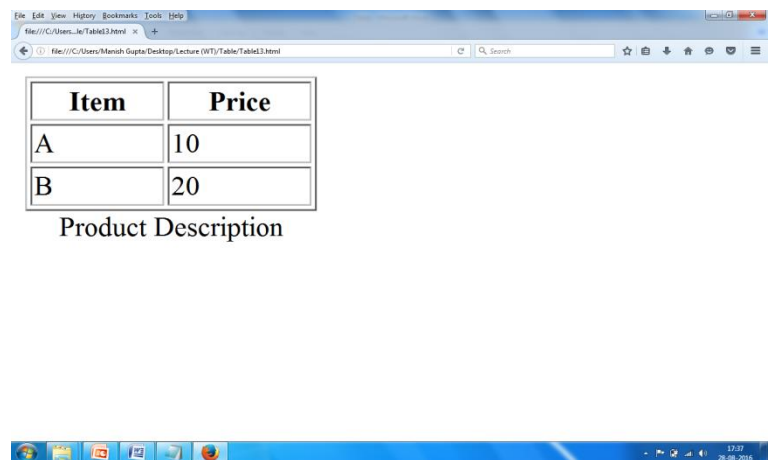
```

Example:13**Output: 13**

```

<HTML>
<BODY>
<TABLE BORDER="1" WIDTH="40%">
<CAPTION ALIGN="BOTTOM">Product Description</CAPTION>
<TR>
    <TH> Item </TH>
    <TH> Price </TH>
</TR>
<TR>
    <TD> A </TD>
    <TD> 10 </TD>
</TR>
<TR>
    <TD> B </TD>
    <TD> 20 </TD>
</TR>
</TABLE>
</BODY>
</HTML>

```



Note: <TH> and <TD> tags can contain text, links, images, lists, forms, other tables, etc.

Question asked in semester paper

Question-Explain the anchor and table tag in HTML?

[2017-2018]

Question-Explain the HTML tags: Table, Frame and Forms with the help of suitable examples.

[2015-2016][2010-2011]

* All screenshots will be taken in zoom mode to provide clarity.