

Box Model


CLASS - 9

A class taught by
CodeWizardsHQ



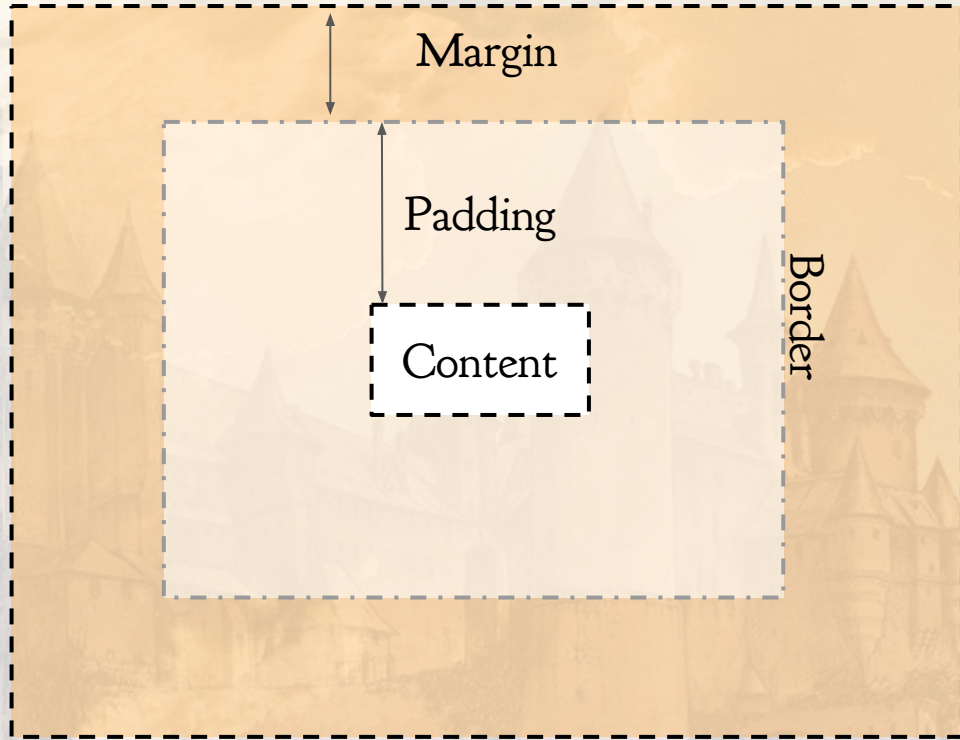
Last week,

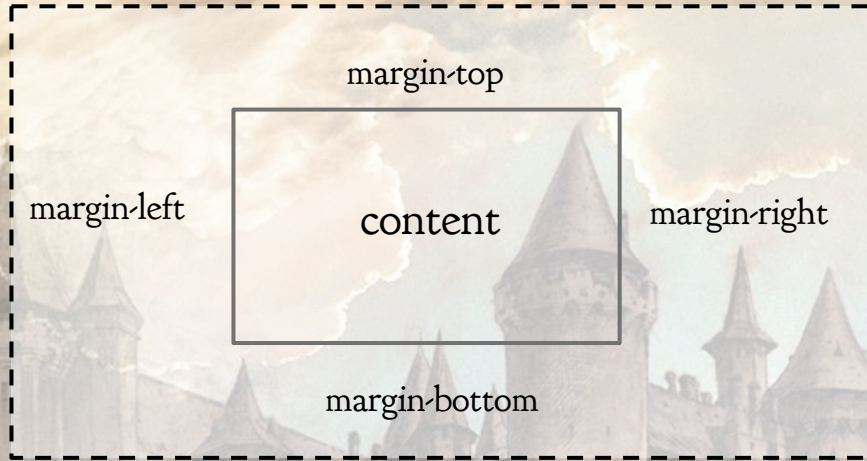
- ★ Learnt about div
- ★ How to create Boxes?
- ★ Giving width & height to boxes.
- ★ Giving border to boxes
- ★ Stacking divs horizontally



Showcase your
amazing
webpages

The Box Model





Margin

“margin provides space to left, right, top and bottom of the box. This space is given outside the box”

margin

HTML Syntax

```
<div class="some-class"> </p>
```

CSS Syntax

```
.some-class {  
  margin-top : value;  
  margin-right : value;  
  margin-bottom : value;  
  margin-left : value;  
  margin : value;  
}
```

margin-top
provides an
empty space to
top, outside the
box.

margin-bottom
provides an empty
space to bottom,
outside the box.

**margin-right
& margin-left**
provide space
to right and
left, outside
the box

margin is used to give equal margin to all sides



Exercise 9.1

“Add margin 30px to each .trump-card”

CHEAT CODES

```
.some-class {  
  margin-top : value;  
  margin-right : value;  
  margin-bottom : value;  
  margin-left : value;  
  margin : value;  
}
```


Margin

Code

```
<style>
.trump-card {
  margin:30px;
}
</style>
```

Output

Angelina Jolie Pitt is an American actress, filmmaker, and humanitarian. She has received an Academy Award, two Screen Actors Guild Awards, actress.

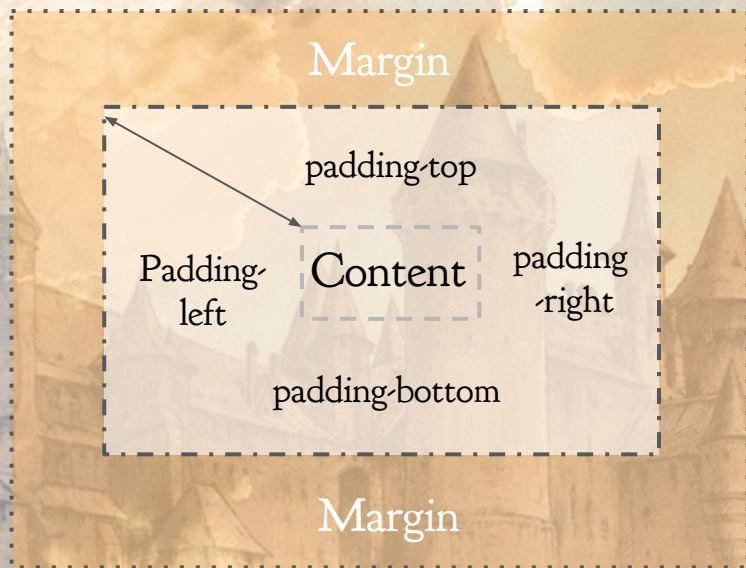
William Bradley "Brad" Pitt is an American actor and producer. He has received a Golden Globe Award, a Screen Actors Guild Award, and three Academy Award



Tip!

You align a box in center
giving it width and
margin:auto;

Padding



“Provides space between border and content inside a box.”

padding

HTML Syntax

```
<div class="some-class"> . </p>
```

CSS Syntax

```
.some-class {  
  padding-top : value;  
  padding-right : value;  
  padding-bottom : value;  
  padding-left : value;  
  padding : value;  
}
```

padding-top
provides an empty space to top, inside the box.

padding-bottom
provides an empty space to bottom, inside the box.

padding-right & padding-left
provide space to right and left inside the box

padding is used to give equal padding to all sides



Exercise 9.2

“Add padding 15px to each .trump-card”

CHEAT CODES

```
.some-class {  
  padding-top : value;  
  padding-right : value;  
  padding-bottom : value;  
  padding-left : value;  
  padding : value;  
}
```

```
.some-class {  
  margin-top : value;  
  margin-right : value;  
  margin-bottom : value;  
  margin-left : value;  
  margin : value;  
}
```


Padding


Code

```
<style>
.trump-card {
  margin:10px;
  padding: 15px;
}
</style>
```

Output

Angelina Jolie Pitt is an American actress, filmmaker, and humanitarian. She has received an Academy Award, two Screen Actors Guild Awards, actress.

William Bradley "Brad" Pitt is an American actor and producer. He has received a Golden Globe Award, a Screen Actors Guild Award, and three Academy Award



Shadow

“ box-shadow is a css property used to give shadow to divs”

Box Shadow syntax,

Size of horizontal shadow

Color of Shadow

```
box-shadow: 1px 1px red;
```

Box-shadow Property

Size of Vertical Shadow



Exercise 9.3

Give box shadow to the class `.trump-card`

CHEAT CODES

```
.some-class {  
  padding-top : value;  
  padding-right : value;  
  padding-bottom : value;  
  padding-left : value;  
  padding : value;  
}
```

```
.some-class {  
  margin-top : value;  
  margin-right : value;  
  margin-bottom : value;  
  margin-left : value;  
  margin : value;  
}
```

```
/* Give box shadow to some  
class */
```

```
.some-class {  
  box-shadow :1px 1px red;  
}
```

Box Shadow

Code

```
<style>
.trump-card {
  margin:10px;
  padding: 10px;
  box-shadow:2px 2px seaGreen;
}
</style>
```

Output

Angelina Jolie Pitt
is an American
actress, filmmaker,
and humanitarian.
She has received
an Academy
Award, two
Screen Actors
Guild Awards,
actress.

William Bradley
"Brad" Pitt is an
American actor
and producer. He
has received a
Golden Globe
Award, a Screen
Actors Guild
Award, and three
Academy Award



Round Corners

“ **border-radius** can be used for rounded corners”

Border radius Syntax

```
border-radius: 5px;
```

Border Radius Property

Amount of Curve

You can also give radius in %

```
border-radius: 15%;
```

Border Radius Property

Amount of Curve



Without Border
Radius



15px Border
Radius



Exercise 9.4

Give border-radius 15px to the class .trump-card

CHEAT CODES

```
.some-class {  
  padding-top : value;  
  padding-right : value;  
  padding-bottom : value;  
  padding-left : value;  
  padding : value;  
}
```

```
/* Give box shadow to some  
class */
```

```
.some-class {  
  box-shadow :1px 1px red;  
}
```

```
.some-class {  
  margin-top : value;  
  margin-right : value;  
  margin-bottom : value;  
  margin-left : value;  
  margin : value;  
}
```

```
/* Give border radius to some  
class */
```

```
.some-class {  
  border-radius : value;  
}
```


Border Radius

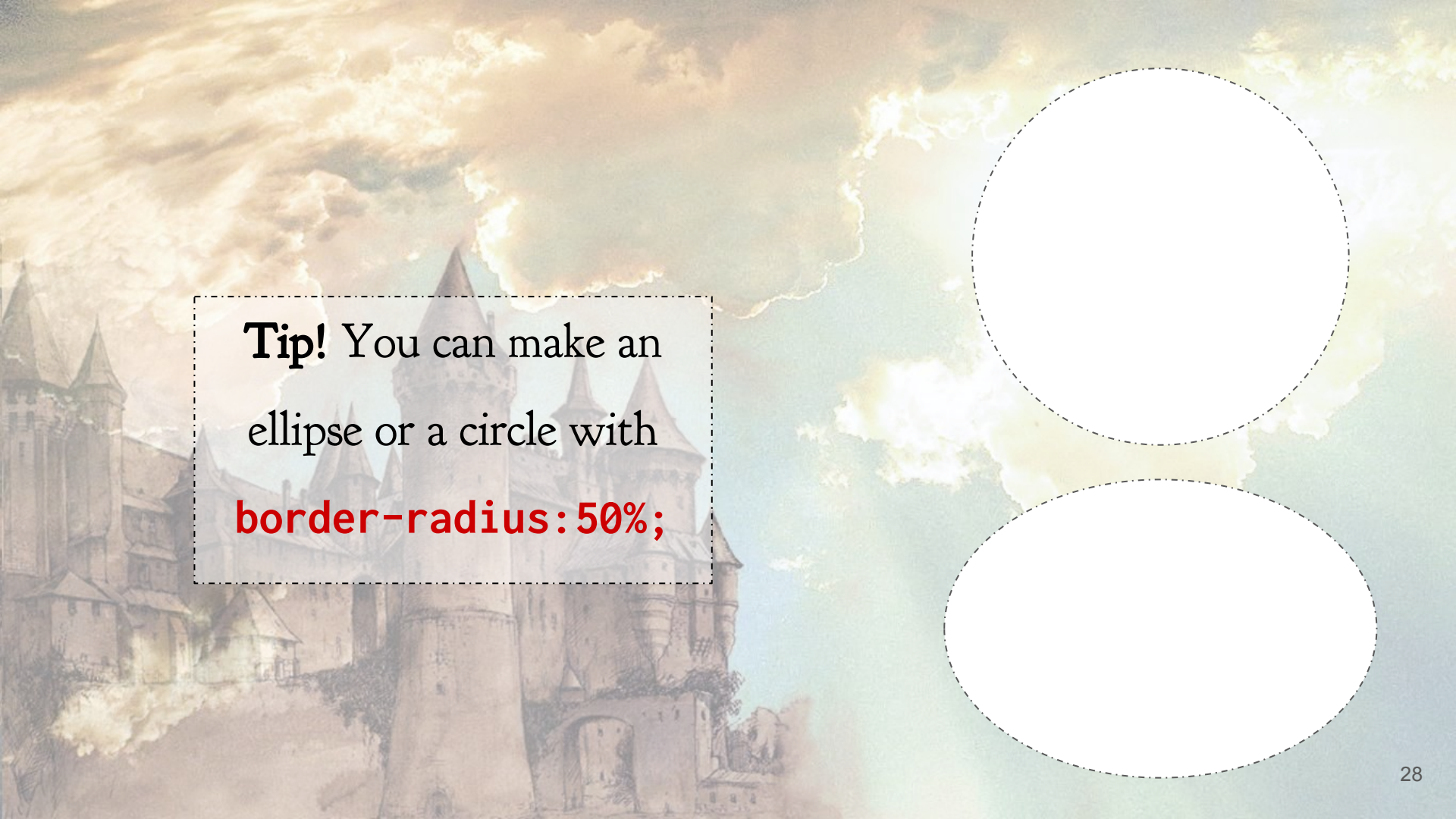
Code

```
<style>
.trump-card {
  margin:10px;
  padding: 10px;
  box-shadow:2px 2px blue;
  border-radius: 15px;
}
</style>
```

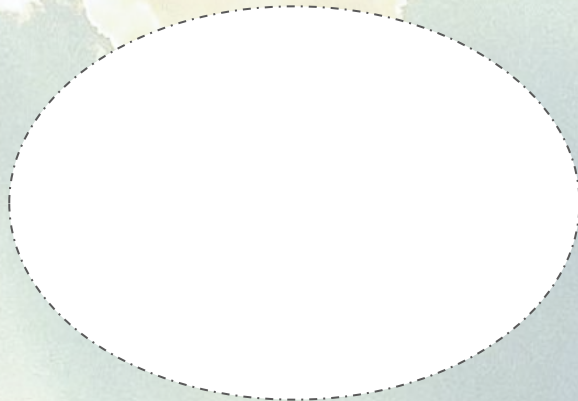
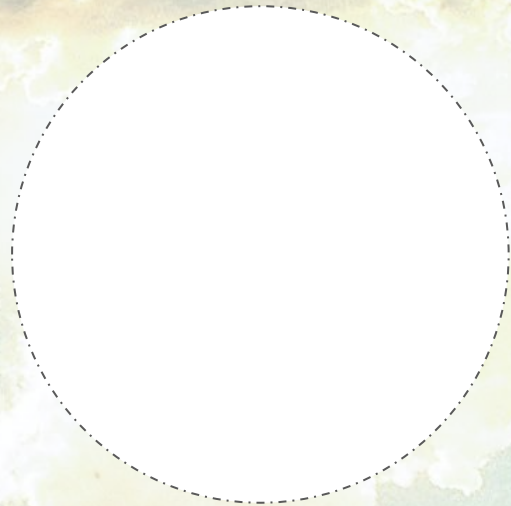
Output

Angelina Jolie Pitt is an American actress, filmmaker, and humanitarian. She has received an Academy Award, two Screen Actors Guild Awards, actress.

William Bradley "Brad" Pitt is an American actor and producer. He has received a Golden Globe Award, a Screen Actors Guild Award, and three Academy Award



Tip! You can make an
ellipse or a circle with
`border-radius: 50%;`



Today we learned,

Box-Shadow

Border-Radius

Margin &
Padding

Before next class,

- ★ Complete the Angelina Jolie and Brad Pitt page
- ★ For our practice project this week create a VS page utilizing two blocks and arguing which is better.” Examples - “Batman vs Superman” “Coke vs Pepsi” , “Apple vs Android” etc.
- ★ Take the Quiz!

Bye!

See you in next class

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