Correction application animate()

1. Objectifs

- Connaitre les méthodes **`animate()`**
- Etre capable d'animer des modifications apportées aux propriétés **CSS**

2. Application01

1. Énoncé

- Vous pouvez visualiser **l'énoncé de l'application**

2. Solution

1. Code HTML

```
<!doctype html>
   <head>
      <title>The jQuery Example</title>
      <!--<script type = "text/javascript"  src = "js/jQuery.js"></script>

                <link type="text/stylesheet" href="imageanime.css">
          -->
      <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.0/jquery.min.js"></script>
      <script type = "text/javascript"  src = "application01.js"></script>
      <link type="text/css"  rel="stylesheet" href="application01.css">
   </head>

   <body>
                  <button>Animez le block &lt;div></button>
            <div id="my_div" ></div>
   </body>
</html>
```

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2. **Code CSS**

```
#my_div{
    background-color: blue;
    height:100px;
    width:146px;
    position:absolute;
    opacity: 0.45;
cursor: pointer;

}
.rotate {
    transition: all 2000ms ease;
    transform: rotate(180deg);
}
```

3. **Code JS**

```
$(function() {
  $("button").click(function(){
     $("div").animate({
       left: '400px',
       height: '+=50px',
     width: '+=50px'
     });
   });
   $("#my_div").click(function(){
     $("#my_div").addClass('rotate');
   });
});
```

3. Application02

1. **Énoncé**

- Vous pouvez visualiser **l'énoncé de l'application**

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2. **Solution**

1. **Code HTML**

```
<!doctype html>
   <head>
      <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.0/jquery.min.js"></script>
      <script type = "text/javascript"  src =
"application02.js"></script>
      <link type="text/css"  rel="stylesheet" href="application02.css">
         </head>
         <body>
            <button id="animer">Lancer l'animation</button><br/><br/>
            <div id="carre"></div>
   </body>
</html>
```

2. **Code CSS**

```
#carre {
    position: absolute;
    top: 35px;
    left: 10px;
    background-color: rgba(0, 217, 255, 0.76);
    width: 100px;
    height: 100px;
    border-style: solid;
    border-width: 3px;
    border-color: rgb(12, 27, 241);
    border-radius: 6px;
    opacity: 0.65;
}
.rotate {
    transition: all 2000ms ease;
    transform: rotate(-90deg);
}
```

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3. **Code JS**

```
$(function() {
  $('#animer').on('click', function(){
    $('#carre').animate({left:'350px'})
               .animate({top:'350px'})
               .animate({left:'10px'})
               .animate({top:'35px'}),5000;
  });
  $("#carre").click(function(){
    $("#carre").addClass('rotate');
  });
});
```

3. Application03

1. **Énoncé**

   - Vous pouvez visualiser **l'énoncé de l'application**

2. **Solution**

   1. **Code HTML**

```
<!doctype html>
   <head>
      <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.0/jquery.min.js"></scri
      <script type = "text/javascript"  src =
"application03.js"></script>
      <link type="text/css"  rel="stylesheet"
href="application03.css">
         </head>
         <body>
            <button id="position">Nouvelle
position</button><br/><br/>
            <button id="taille">Reduire la
```

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```
taille</button><br/><br/>

            <div id="boite"></div>
   </body>
</html>
```

2. **Code CSS**

```
#boite {
    position: absolute;
    top: 75px;
    left: 10px;
    background-color: rgba(0, 217, 255, 0.76);
    width: 100px;
    height: 100px;
    border-style: solid;
    border-width: 3px;
    border-color: rgb(12, 27, 241);
    border-radius: 6px;
    opacity: 0.65;
}
.rotate {
    transition: all 2000ms ease;
    transform: rotate(-90deg);
}
```

3. **Code JS**

```
$(function() {
  $('#position').on('click',function(){
    $('#boite').offset({top:120,left:200});
  });
  $('#taille').on('click',function(){
    $('#boite').width('150px').height('30px');
  });
  $('#boite').click(function(){
    $('#boite').addClass('rotate');
  });
```

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```
});
```

Sommaire du cours jQuery

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