DOM Selector

```
getElementById()
querySelector()
getElementsByClassName()
getElementsByTagName()
querySelectorAll()
parentNode
previsouSibling
nextSibling
firstChild
lastChild
```

DOM Node Types

```
Document
Element
Text
Attribute
Whitespace
```

in browsers other than IE, whitespace is treated as text node

DOM Text Node

```
nodeValue
```

Called on text node

DOM Element Node

```
innerHTML
textContent
createElement()
createTextNode()
appendChild()
removeChild()
```

create functions will not put the node into DOM tree. Need to use appendChild() to add the newly created element in DOM.

DOM Attribute Node

```
className
id
hasAttribute()
getAttribute()
```

DOM Attribute Node (cont)

```
setAttribute()
removeAttribute()
```

These are called on element node

Document Object

```
write()
```

```
encodeURIComponent(str)
```

IE5~8

event.target	event.srcElement
func(e)	window.event
addEventListener()	attachEvent()
event.preventDefault()	event.returnValue=false
event.stopPropagation()	event.cancelBubble=false

UI Event

```
load
unload
error
resize
scroll
```

Mouse Event

```
click
dblclick
mousedown
mouseup
mousemove
mouseover
mouseout
```

Focus Event

focus / focusin	element gains focus
blur / focusout	element lose focus

Keyboard Event

```
keydown
keyup
keypress
```

Form Event

input	
change	select, check box, radio button
submit	
reset	
cut	
copy	
paste	
select	

Mutation Event

```
DOMSubtreeModified
DOMNodeInserted
DOMNodeRemoved
DOMNodeInsertedIntoDocument
DOMNodeRemovedFromDocument
```

Event Binding

Event handler attribute:
```
<... onclick="func()"> // bad
practice
```
Event handler
```
el.onclick=func()
```
Event listener
```
el.addEventListener('click', func,
[boolean])
el,addEventListener('click',
function() { myFunc(0) },
[boolean])
```
Support for older IE (5-8)
```
if(el.addEventListener) {
el.addEventListener()
} else {
el.attachEvent('click', myFunc())}
```