



??????10???

## html5&CSS

1. ????????
2. ???????
3. form?
  - ??????????????????
  - ?????????????? input ????? required ?????  
input type="text" required
  - ?? checked ??????????????????????
4. ?< style> < /style>?????????????????  
??< style>  
h2{color:blue;}  
< /style> ?h2?????????????????
5. ???class????HTML?????style?????????.???
- ??< style>  
.red-text  
{  
color: red;  
}  
< /style>  
< h2 class="red-text"> < /h2>
- ?????Class?????html????
- ??????class???????HTML?????????class?????????????  
< img class="class1 class2">
- border-radius???????CSS?????????????  
??border-radius: 10px;????????????? border-radius?????????????border-radius: 50%;
6. ??????
7. ??????????Important>????>ID>Class(???????????Class???????????class2?????class1??  
?)>body;

8. ????????CSS????????????? hexadecimal code?????????
  - ???? 0 ? F ???? hexadecimal ?????????????? 16 ??????
  - ? CSS ???????? 6 ?????????????? 2 ?????? (R)? (G) ??(B) ???
  - ???#000000 ????????????????#FFFFFF?????
  - 0????????????????????????????? F ??????????????????????????hex code????????? ?? red-green-blue??-?-???
  - ????RGB????????????????????? #FF0000 ?????? #F00?
9. ? CSS ???????????????? RGB ??
  - ????? RGB ??????rgb(0, 0, 0)????? RGB ??????rgb(255, 255, 255)
  - ?? RGB?????RGB?????????????????0?255????????????????????????????????

## JavaScript

1. ?????undefined?????, null???, boolean?????, string?????, symbol(?), number????, and object?????????
  - ?????Var???????????
  - ????????????\$ ?? \_????????????????????
  - JavaScript ?????????????????????????????????MYVAR?MyVar?myvar ??????????
  - ???????????????
  - ?????????[????]?????????????????firstName[0] ??????????????????0???0?????????
  - .length?????????????
2. JavaScript ???
  - \*?????????????N?????????????????????N????????????????
  - ??firstName[firstName.length - N] ??????????????????
3. ??
  - ??????????????????????????????
  - ?????????var myArray = ["home",24];?????var myArray = [ ["cat",22],["dog",24]];
  - ?????????var array = [1,2,3];array[0];// ?? 1
  - ?????var myArray = [[1,2],3];
  - myArray[0];//?[1,2]
  - myArray[0][1];//?2

- var ourArray = [3,2,1];ourArray[0] = 1; //ourArray [1,2,1]
- push()
 

```
var arr = [1,2,3];arr.push(4); // arr [1,2,3,4]
*pop()
var oneDown = [1, 4, 6].pop(); // [1, 4]
```
- shift()
- unshift()
 

```
var myArray = [ ["John", 23], ["dog",3]];myArray.unshift(["paul",35]);
```

#### 4. JavaScript

- JavaScript functions
 

```
function myFunction()
{
  console.log("Hi World");
}
myFunction(); //myFunction()Hi World
```
- var
- var
- function
 

```
function myTest() {
  var loc = "foo";
  console.log(loc);
}
myTest(); // "foo"
console.log(loc); // "undefined"
```
- var
 

```
var someVar = "Hat";
function myFun() {
  var someVar = "Head";
  return someVar;
} //Head?
```
- ==
 

```
3 == 3 // true
```

3 === '3' // false

- ?????????????
- if?????
- switch?????

## 5. ?????

- ???  
??var cat = {  
 "name": "Whiskers",  
 "legs": 4,  
 "tails": 1,  
 "enemies": ["Water", "Dogs"]  
};  
????????????????????????????
- ?.????????????var nameValue = [cat.name](#);
- ?????[]????????????????????????????????????([])?  
??var drinkValue = testObj["the drink"];  
????????????????????????????
- ???  
var someProp = "propName";  
var myObj = {  
 propName: "Some Value"  
}  
myObj[someProp]; // "Some Value"
- ?.???[]????????????????????
- .hasOwnProperty(???)????????????

## 6. JSON????JSON????JSON????

- ??JavaScript????????JSON?????????????????????? ?? ??????  
var ourMusic = [  
 {  
 "artist": "Daft Punk", //??  
 "title": "Homework",  
 "release\_year": 1997, //??  
 "formats": [ //??

```
"CD",
"Cassette",
"LP" ],
"gold": true //???
}
];
```

7. for?????
8. while?????
9. random()?????
  - \*Math.random()??????0(??0)?1(???1)?????????Math.random()????0??????1?
10. ??????

- ?????????????????strings??????
  - ??????The dog chased the cat??? the?????????????: /the/gi
  - / ????????????
  - the ????????????
  - / ????????????
  - g ??? global(??)????????????????????
  - i ?????????????????????????????????????
- ???????????
  - ????????????????\d????????????????????
  - ?JavaScript?, ???????: \d/g?
  - ????????????????(+)???? \d+/g????????????????????
  - ???g?'global'????????????????????????????
  - ??var expression = \d+/g;
- ???????????
  - ?????????????? \s ???????????????
  - ?????????????
  - \s+/g
  - ??var expression = \s+/g //?????????
- ???????????
  - ????????????????????????????????
  - ??? \s ??????????\S ???????????
  - var expression = \S/g; //??????????

# Bootstrap

- Bootstrap????????????,????????????HTML????????????,?????--?????
- ??Bootstrap?????,????????????????Bootstrap????????????  
< link rel="stylesheet" href="//maxcdn.bootstrapcdn.com/bootstrap /3.3.1/css/  
bootstrap.min.css"/>
- ?????img-responsive ?class??,????????????????????
- ?????text-center?class??,????????????
- ???????
- ?????????

# jQuery