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<!DOCTYPE html>
<html>

<head>
  <meta charset="UTF-8">
  <title>JavaScript Example</title>
  <!-- Latest compiled and minified CSS -->
  <link rel="stylesheet" href="
https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" integrity=
"sha384-1q8mTJOASx8j1Au+a5WDVnPi2lkFfwwEAa8hDDdjZlpLegxhjVME1fgjWPGmkzs7" crossorigin=
"anonymous">
</head>

<body>
  <div id="mydiv1">Hello World</div>
  <div id="mydiv2"></div>

  <input id="myinput1">
  <input id="myinput2">
  <div id="btn1" class="btn btn-primary">Check</div>
  <div id="btn2" class="btn btn-warning">Loop</div>
  <div id="btn3" class="btn btn-default">Button 3</div>
  <script>
    var a = 'this is an a';
    var b = 10;
    var c = 25;
    var mydiv = document.getElementById('mydiv1');
    var mydiv2 = document.getElementById('mydiv2');

    ///BUTTONS
    var classname = document.getElementsByClassName("btn");
    for (var i = 0; i < classname.length; i++) {
      classname[i].addEventListener("click", myclickc, false);
    }

    function myclickc() {
      console.log(this.innerHTML);
      mydiv2.innerHTML=this.innerHTML;
      this.setAttribute('style', 'background: #f00; color: #fff;');
    }

    var mybtn2 = document.getElementById('btn2');
    mybtn2.addEventListener("click", myclickb);

    var z = (b == 11) ? 'is a ten' : 'not a ten';

    function myclickb() {
      var x = '';
      for (var a = 1; a < 5; a++) {
        x = x + a + '. hello<br>';
      }
    }
  </script>

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    mydiv2.innerHTML = x;
}

function myclicka() {
    mybtn1.innerHTML = "clicked";
    var d = document.getElementById('myinput1').value;
    var e = document.getElementById('myinput2').value;
    if ((e == d) && 5 == 5) {
        mydiv.innerHTML = e + ' is ' + d;
    } else {
        mydiv.innerHTML = e + ' is NOT equal to ' + d;
    }
}

function mycal(a, b) {
    c--;
    var e = b - a * c;
    mydiv.innerHTML = e;
    return e;
}

function myclick(e) {
    var d = document.getElementById('myinput1').value;
    mydiv.innerHTML = e;
}
</script>
</body>

</html>
```