

```
function 101() {
    document.getElementById("first_name").innerHTML = "";
    document.getElementById("last_name").innerHTML = "";

    let firstName = document.getElementById("name1").value;
    let lastName = document.getElementById("name2").value;

    for (let i = 0; i < 5; i++) {
        document.getElementById("first_name").innerHTML += firstName + "<br>";
    }
    // document.getElementById("first_name").innerHTML =
    // document.getElementById("first_name").innerHTML + firstName + "<br>";
    // }

    let j = 0;
    while (j < 5) {
        document.getElementById("last_name").innerHTML += lastName + "<br>";
        j++;
    }
}

function 102() {
    document.getElementById("five").innerHTML = "";
    document.getElementById("six").innerHTML = "";

    for (let i = 5; i <= 50; i+= 5 ) {
        document.getElementById("five").innerHTML += i + " ";
    }

    let j = 6;
    while (j <= 60) {
        document.getElementById("six").innerHTML += j + " ";
        j += 6;
    }
}
```

```
function 103() {
  let amount = Number(document.getElementById("amount").value);
  let stars1 = document.getElementById("stars1");
  let stars2 = document.getElementById("stars2");

  document.getElementById("stars1").innerHTML = "";
  document.getElementById("stars2").innerHTML = "";

  let star = "";
  for (let i = 0; i < amount; i++) {
    // lisäys näin: star += "*";
    // tai näin
    star = star + "*";
    document.getElementById("stars1").innerHTML += star + "<br>";
  }

  star = "";
  let j = 0;
  while (j < amount) {
    //star += "*";
    star = star + "*";
    document.getElementById("stars2").innerHTML += star + "<br>";
    j++;
  }
}

function 104() {
  document.getElementById("numbers1").innerHTML = "";
  document.getElementById("numbers2").innerHTML = "";
  document.getElementById("numbers3").innerHTML = "";

  for (let i = 10; i >= -10; i--) {
    document.getElementById("numbers1").innerHTML += i + " ";
  }

  for (let i = -20; i <= 20; i += 2) {
    document.getElementById("numbers2").innerHTML += i + " ";
  }

  for (let i = 29; i >= 1; i -= 2) {
    document.getElementById("numbers3").innerHTML += i + " ";
  }
}
```

```
function 105() {
    let min = Number(document.getElementById("min").value);
    let max = Number(document.getElementById("max").value);

    document.getElementById("divisibility3").innerHTML = "";
    document.getElementById("divisibility5").innerHTML = "";

    for (let i = min; i <= max; i++) {
        if (i % 3 === 0) {
            document.getElementById("divisibility3").innerHTML += i + " ";
        }

        if (i % 5 === 0) {
            document.getElementById("divisibility5").innerHTML += i + " ";
        }
    }
}

// copy and paste here the random number generator function
function getRndInteger(min, max) {
    return Math.floor(Math.random() * (max - min + 1) ) + min;
}

function 106() {
    let zeros = 0;
    let ones = 0;

    for (let i = 0; i < 1000; i++) {
        let digit = getRndInteger(0,1);
        if (digit === 0) {
            zeros++;
        }
        else {
            ones++;
        }
    }

    document.getElementById("zeros").innerHTML = zeros;
    document.getElementById("ones").innerHTML = ones;
}
```

```

function 107() {
    document.getElementById("week").innerHTML = getRndInteger(1,52);

    let result = "";
    for (let i = 1; i <= 7; i++) {
        result += getRndInteger(0,9) + " ";
    }
    document.getElementById("joker").innerHTML = result;
}

function 108() {
    let multiplier = Number(document.getElementById("multiplier").value);
    document.getElementById("table").innerHTML = "";

    let result = "";

    for (let i = 0; i <= 10; i++) {
        let amount = multiplier * i;
        result += multiplier + " * " + i + " = " + amount + "<br>";
    }
    document.getElementById("table").innerHTML = result;
}

function 109() {
    const space = "&nbsp;&nbsp;&nbsp;";
    document.getElementById("multiplication").innerHTML = "";

    let result = "";

    for (let i = 0; i <= 10; i++) {
        for (let j = 0; j <= 10; j++) {
            let amount = i * j;
            result += i + " * " + j + " = " + amount + space;
        }
        result += "<br>";
    }
    document.getElementById("multiplication").innerHTML = result;
}

```