//revised code

function makeArmy() {

  let shooters = [];

  let i = 0;

  while (i < 2) {

let x=i;

    let shooter = function () {

      alert(x);

    };

    shooters.push(shooter);

    i++;

  }

  return shooters;

}

let army = makeArmy();

army[0]();

**Question 2:**

Write a function printNumbers(from, to) that outputs a number every second, starting from from and ending with to

const printNumbers = function (from, to) {

let base=1;

    while(from<=to){

      setTimeout(function(x){

        console.log(x);

      },base\*1000,from);

      from++;

base++;

    }

  return;

};

printNumbers(1, 5);

**Question 3:** In the code there's a setTimeOut call scheduled, then a heavy calculation is run, that takes more than 100ms to finish.

* when will the scheduled function run?
  + The setTimeout function will run as soon as possible after completing the current code execution. Hence, the correct answer is the schedule will be called **“After the loop”**
* What is alert going to show?
  + The Alert is going show result as: 100000000
* let i=0;
* setTimeout(()=>{
* console.log(i);
* },0);
* //assume that the time to execute this function is >100ms
* for(let j=0;j<1000000000;j++){
* i++;
* }