Project 1 - Solution

- Create an array with random numbers from 0 ~ 100.
- Print the number on the console which are greater than 50
- Create an array with the elements which are greater than 50

Solution


```
[
   {
      "id": "0c8247750bde5907",
      "type": "inject",
      "z": "740e3c7a3e719c9b",
      "name": "",
      "props": [
         {
            "p": "payload"
         },
         {
            "p": "topic",
            "vt": "str"
         }
      ],
      "repeat": "",
      "crontab": "",
      "once": false,
      "onceDelay": 0.1,
      "topic": "",
      "payload": "",
      "payloadType": "date",
      "x": 140,
      "y": 280,
      "wires": [
         [
            "7d7a7fe36f81c0dc"
         ]
      ]
   },
   {
      "id": "7d7a7fe36f81c0dc",
      "type": "function",
      "z": "740e3c7a3e719c9b",
      "name": "function 89",
      "func": "var number = 0;\nvar arr = [];\nvar arr2 = [];\n\nwhile (number <= 10)\n{\n
console.log(number);\n    arr.push(Math.random()*100);\n    number +=
1;\n}\n\nconsole.log(arr);\n\nvar temp = 0;\nwhile (temp <= 10)\n{\n    if
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(arr[temp]>50.0)\n {\n arr2.push(arr[temp])\n console.log(arr[temp]); \n }\n temp += 1;\n}\nmsg.payload = arr2;\nreturn msg;",
"outputs": 1,
"timeout": 0,
"noerr": 0,
"initialize": "",
"finalize": "",
"libs": [],
"x": 330,
"y": 280,
"wires": [
[
"9283e32d71c7f5fd"
]
]
},
{
"id": "9283e32d71c7f5fd",
"type": "debug",
"z": "740e3c7a3e719c9b",
"name": "debug 78",
"active": true,
"tosidebar": true,
"console": false,
"tostatus": false,
"complete": "false",
"statusVal": "",
"statusType": "auto",
"x": 520,
"y": 280,
"wires": []
}
]

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msg.payload : array[8]

▼ *array[8]*

0: 88.72006536113086

1: 55.77158146776296

2: 99.1558703843384

3: 92.79837154332617

4: 85.18906581795436

5: 97.59924853953676

6: 83.88097669753077

7: 65.18136904265684