Sort

Write a function that sorts an array of numbers in order. Use the starter code provided below, and have the unsorted array show in the `#start` div. When the user clicks the `button`, the sorted result should be displayed in the `#result` div.

You can use this array in your JavaScript code: `var numbers = [1, 326, 251, 24, 284, 364, 287, 74, 89, 63, 455, 130, 408, 378, 333, 49, 69, 335, 195, 145, 122, 454, 30, 277, 208, 293, 311, 88, 32, 5, 304, 239, 448, 61, 98, 382, 401, 452, 233, 150, 109, 252, 305, 51, 161, 480, 191, 44, 206, 451, 141, 182, 320, 355, 402, 439, 13, 430, 449, 119, 166, 493, 396, 139, 99, 262, 163, 410, 422, 275, 212, 416, 272, 394, 379, 211, 491, 11, 133, 361, 160, 338, 87, 199, 373, 38, 269, 73, 68, 359, 165, 291, 418, 159, 481, 289, 469, 23, 432, 2, 315, 247, 462, 189, 134, 330, 164, 153, 274, 371, 267, 377, 347, 201, 19, 475, 66, 260, 497, 466, 426, 12, 214, 306, 386, 194, 129, 219, 10, 288, 348, 188, 59, 440, 498, 447, 297, 446, 57, 313, 175, 80, 461, 312, 7, 215, 248, 107, 389, 46, 358, 229, 72, 15, 492, 240, 217, 420, 110, 20, 383, 124, 321, 183, 174, 374, 17, 488, 33, 256, 235, 353, 387, 117, 479, 147, 483, 424, 428, 205, 28, 392, 398, 216, 350, 34, 342, 135, 366, 125, 258, 329, 362, 308, 295, 441, 242, 95, 406, 411, 286, 14, 352, 433, 123, 340, 499, 101, 276, 37, 468, 298, 75, 438, 131, 138, 96, 64, 246, 476, 487, 151, 283, 106, 83, 273, 202, 323, 357, 414, 478, 172, 60, 121, 127, 152, 48, 415, 234, 156, 8, 171, 176, 41, 100, 413, 76, 128, 399, 132, 154, 423, 404, 302, 42, 341, 173, 126, 427, 369, 26, 453, 180, 184, 55, 167, 77, 307, 111, 445, 237, 16, 344, 290, 25, 356, 114, 316, 39, 336, 90, 3, 465, 162, 470, 343, 429, 303, 363, 29, 136, 203, 241, 4, 93, 221, 271, 395, 317, 339, 86, 225, 436, 325, 47, 442, 137, 285, 474, 337, 230, 376, 345, 245, 43, 236, 484, 318, 255, 105, 388, 397, 27, 6, 31, 148, 372, 35, 393, 460, 384, 349, 490, 264, 84, 300, 204, 482, 168, 67, 218, 331, 21, 473, 210, 496, 467, 431, 116, 405, 450, 327, 407, 261, 309, 157, 458, 223, 464, 224, 18, 142, 471, 457, 52, 82, 380, 263, 367, 324, 281, 97, 412, 85, 149, 346, 265, 368, 193, 266, 243, 434, 254, 456, 115, 118, 381, 70, 190, 94, 228, 296, 314, 257, 403, 170, 232, 250, 360, 65, 417, 351, 71, 62, 158, 365, 322, 500, 282, 375, 177, 187, 459, 112, 319, 155, 489, 391, 178, 463, 22, 53, 91, 435, 231, 56, 103, 36, 253, 477, 186, 45, 425, 120, 50, 140, 443, 146, 108, 259, 238, 192, 222, 213, 200, 227, 354, 437, 280, 207, 143, 310, 385, 370, 58, 444, 198, 278, 54, 494, 390, 113, 328, 144, 268, 78, 9, 102, 197, 301, 226, 220, 334, 419, 299, 409, 421, 292, 332, 209, 244, 196, 179, 472, 279, 40, 486, 270, 185, 181, 485, 495, 81, 169, 294, 79, 400, 92, 104, 249];`

Info

This link could be helpful to give you an idea of one way to do it:
http://www.stoimen.com/blog/2012/02/20/computer-algorithms-bubble-sort

Starter Code

```html
<!DOCTYPE html>

<html lang="en-us">

  <head>

    <meta charset="UTF-8">

    <title>Document</title>

    <style>

      #result,
      #start{

        width:100%;

        overflow: auto;

        font-size: 30px;

        height: 50px;

      }

    </style>

  </head>

  <body>

      <p>Start:</p>

      <div id="start"></div>

      <br>

      <button>GO!</button>

      <p>Result:</p>
```

```html
        <div id="result"></div>

        <!-- Script -->

        <script type="text/javascript" src="sort_array.js"></script>

    </body>

</html>
```