sortAndSet.js

```javascript
/*
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  Case :
  - terdapat sejumlah data calon mahasiswa (pendaftar) yang telah di deklarasikan
  pada variabel pendaftar
  - kemudian anda diminta untuk menambahkan value grade pada setiap data pendaftar
  - acuan pemberian value grade dengan menggunakan score
    A: 85-100
    B: 70-84
    C: 55-69
    D: 40-54
    E: 0-39

  Example Input: (pada variabel pendaftar)
  Expected Output:
  [
    { name: "Andi", score: 85, grade: "A" },
    { name: "Budi", score: 70, grade: "B" },
    { name: "Citra", score: 92, grade: "A" },
    { name: "Dewi", score: 78, grade: "B" },
    { name: "Eko", score: 60, grade: "C" },
    { name: "Fika", score: 88, grade: "A" },
    { name: "Gita", score: 75, grade: "B" },
    { name: "Hendra", score: 81, grade: "A" },
    { name: "Indra", score: 67, grade: "C" },
    { name: "Joko", score: 94, grade: "A" },
    { name: "Krisna", score: 72, grade: "B" },
    { name: "Lia", score: 89, grade: "A" },
    { name: "Mira", score: 63, grade: "C" },
    { name: "Nanda", score: 77, grade: "B" },
    { name: "Oscar", score: 83, grade: "A" }
  ]

  Notes:
  - dilarang menggunakan array prototype seperti .map() .sort() .filter() dll
  - tampikan expected output dengan console.log()
*/

function tambahkanGrade(data) {
  let hasil = [];

  for (let i = 0; i < data.length; i++) {
    let nilai = data[i].score;
    let grade = "";

    if (nilai >= 85 && nilai <= 100) {
      grade = "A";
    } else if (nilai >= 70 && nilai <= 84) {
      grade = "B";
    } else if (nilai >= 55 && nilai <= 69) {
      grade = "C";
```

```javascript
52      } else if (nilai ≥ 40 && nilai ≤ 54) {
53        grade = "D";
54      } else {
55        grade = "E";
56      }
57
58      let dataBaru = {
59        name: data[i].name,
60        score: nilai,
61        grade: grade,
62      };
63
64      hasil.push(dataBaru);
65    }
66
67    return hasil;
68  }
69
70  // CASE VALUE
71  const pendaftar = [
72    { name: "Andi", score: 85 },
73    { name: "Budi", score: 70 },
74    { name: "Citra", score: 92 },
75    { name: "Dewi", score: 78 },
76    { name: "Eko", score: 60 },
77    { name: "Fika", score: 88 },
78    { name: "Gita", score: 75 },
79    { name: "Hendra", score: 81 },
80    { name: "Indra", score: 67 },
81    { name: "Joko", score: 94 },
82    { name: "Krisna", score: 72 },
83    { name: "Lia", score: 89 },
84    { name: "Mira", score: 63 },
85    { name: "Nanda", score: 77 },
86    { name: "Oscar", score: 83 },
87  ];
88
89  // TEST CASE
90  console.log(tambahkanGrade(pendaftar));
91
```