Excercise B-Tree

Given the following B-Tree:

```
+---+---+---+---+
| 40| 60| 75| 80 |
+---+---+---+---+
  |   |   |   |
+---+---+---+---+
| 30| 37| 38|   |
+---+---+---+---+
  |   |   |   |
+---+---+---+---+
| 50| 57| 58| 59 |
+---+---+---+---+
  |   |   |   |
+---+---+---+---+
| 62| 65|   |   |
+---+---+---+---+
  |   |   |   |
+---+---+---+---+
| 90| 97|   |   |
+---+---+---+---+
  |   |   |   |
+---+---+---+---+
```

Insert 55 in the B-Tree above.
Depict the complete resulting B-Tree.

Use the algorithm from the lecture.
Solution Exercise B-Tree

```
  60
   /|
  40 57
   /|
 30 37 38
   /|
50 55
```

```
  75 80
   /|
 62 65
   /|
58 59
```

```
  90 97
   /|
77 78
```