

```
//  
// Test case 3: Deleted "Line 3" in right file  
//
```

**Left file**

Line 1  
Line 2  
Line 3  
Line 4

**Right file**

Line 1  
Line 2  
Line 4

**Output original algorithm**

1 changes between the files.

old version	new version ( changed added deleted) 9pt ▾
Left.txt	Right.txt

0 Line 1	0 Line 1
1 Line 2	1 Line 2
2 Line 3	2
3 Line 4	3 Line 4

**Output adapted algorithm (see unit tests)**

```
leftDiffPartition =  
{  
    {"Line 1", Normal},  
    {"Line 2", Normal},  
    {"Line 3", Deleted},  
    {"Line 4", Normal},  
}  
  
rightDiffPartition =  
{  
    {"Line 1", Normal},  
    {"Line 2", Normal},  
    {"", Normal},  
    {"Line 4", Normal},  
}
```

```
//  
// Test case 4: Cleared "Line 3" (set to empty) in right file  
//
```

**Left file**

Line 1  
Line 2  
Line 3  
Line 4

**Right file**

Line 1  
Line 2  
  
Line 4

**Output original algorithm**

1 changes between the files.

old version	new version ( changed added deleted) 9pt ▾
Left.txt	Right.txt

0 Line 1	0 Line 1
1 Line 2	1 Line 2
2 Line 3	2
3 Line 4	3 Line 4

**Output adapted algorithm (see unit tests)**

```
leftDiffPartition =  
{  
    {"Line 1", Normal},  
    {"Line 2", Normal},  
    {"Line 3", Changed},  
    {"Line 4", Normal},  
}  
  
rightDiffPartition =  
{  
    {"Line 1", Normal},  
    {"Line 2", Normal},  
    {"", Changed},  
    {"Line 4", Normal},  
}
```

```
//
// Test case 5: Deleted "Line 2" in left file
//
```

### Left file

Line 1  
Line 3  
Line 4

### Right file

Line 1  
Line 2  
Line 3  
Line 4

### Output original algorithm

1 changes between the files.

old version Left.txt	new version ( changed added deleted) 9pt v
0 Line 1 1 2 Line 3 3 Line 4	0 Line 1 1 Line 2 2 Line 3 3 Line 4

### Output adapted algorithm (see unit tests)

```
leftDiffPartition =
{
  {"Line 1", Normal},
  {"", Normal},
  {"Line 3", Normal},
  {"Line 4", Normal},
}
```

```
rightDiffPartition =
{
  {"Line 1", Normal},
  {"Line 2", Added},
  {"Line 3", Normal},
  {"Line 4", Normal},
}
```

Testcase 6 → see next page

```
//  
// Test case 6: Mixed it up with 6 changes  
//
```

**Left file**

Line 1  
Line 4  
Line 5  
Line 6  
Line 7  
Line 8  
ab  
Line 9  
Line 10

**Right file**

Line 1  
Line 2  
Line 3  
Line 4  
Line 5  
Line 8  
Line 9  
cd  
Line 10

**Output original algorithm**

6 changes between the files.

old version	new version ( changed added deleted) 9pt ▾
Left.txt	Right.txt
0 Line 1	0 Line 1
1	1 Line 2
2	2 Line 3
3 Line 4	3 Line 4
4 Line 5	4 Line 5
5 Line 6	5
6 Line 7	6
7 Line 8	7 Line 8
8 ab	8
9 Line 9	9 Line 9
10	10 cd
11 Line 10	11 Line 10

**Output adapted algorithm (see unit tests)**

```
leftDiffPartition =  
{  
  {"Line 1", Normal},  
  {"", Normal},  
  {"", Normal},  
  {"Line 4", Normal},  
  {"Line 5", Normal},  
  {"Line 6", Deleted},  
  {"Line 7", Deleted},  
  {"Line 8", Normal},  
  {"ab", Deleted},  
  {"Line 9", Normal},  
  {"", Normal},  
  {"Line 10", Normal},  
}
```

```
rightDiffPartition =  
{  
  {"Line 1", Normal},  
  {"Line 2", Added},  
  {"Line 3", Added},  
  {"Line 4", Normal},  
  {"Line 5", Normal},  
  {"", Normal},  
  {"", Normal},  
  {"Line 8", Normal},  
  {"", Normal},  
  {"Line 9", Normal},  
  {"cd", Added},  
  {"Line 10", Normal},  
}
```