

Test 1: Context Lines Only

```
1      return 0
2      return 0
```

Test 2: Simple Addition and Deletion

```
10      return result
11 -    return result
11 +    return result
12      return result
```

Test 3: Modified Line with Character Highlights

```
5 -    output = compute_sum(x, y)
5 +    output = compute_sum(x, y)
```

Test 4: Multiple Changes in One Hunk

```
20
21 -
21 +
22 -
22 +
23
```

Test 5: Skipped Lines (Non-Contiguous Line Numbers)

```
1      return
99      return
100 -   return
100 +   return
101      return
```

Test 6: Complex Multi-Token Line with Multiple Highlights

```
15 -    output = compute_sum(new_var, modern_func())
15 +    output = compute_sum(new_var, modern_func())
```

Test 7: String Literal with Character Highlights

```
50      return f"Hello, {name}!"
51 -    return f"Hello, {name}!"
51 +    return f"Hello, {name}!"
```

Test 8: Pure Additions

```
30      pass
31 +    pass
32 +    pass
33      pass
```

Test 9: Pure Deletions

```
60      pass
61 -    pass
62 -    pass
63      pass
```

Test 10: Empty Lines

```
70      pass
71 -    pass
72      pass
```