Test Cases

1. 1 11 1 7 0

2. 1 11 2 10 7 0

3. 2 1 5 7 0

4. 2 2 3 7 7 0

5. 2 3 5 11 7 0

6. 0

7. 7 0

8. 1 11 1 7 2 1 11 7 0

9. 1 11 1 7 2 2 1 10 7 0

10. 1 11 1 7 2 3 5 11 7 0