Assignment-2

# Problem-4

Which of the following arrays could not possibly occur during the execution of weighted quick union with path compression:

1. 0 1 2 3 4 5 6 7 8 9
2. 7 3 8 3 4 5 6 8 8 1
3. 6 3 8 0 4 5 6 9 8 1
4. 0 0 0 0 0 0 0 0 0 0
5. 9 6 2 6 1 4 5 8 8 9
6. 9 8 7 6 5 4 3 2 1 0

For the 1st array, the path compression is possible and quick union is also possible.



