1. 0123456789

It is possible. Because each element is root.

2. 7383456881

It is not possible. 3 is parent root. 1 is child root of 3. And 1 is parent root of 9. In weighted quick union 9 should be child root of 3 but here it is 1. So this is not a weighted quick union with path compression.

3. 6380456981

This is not possible. 6 is parent root. 0 is child root of 6. 3 is child root of 0. In weighted quick union 3 should be child root of 6 but here it is 0. So this is not a weighted quick union with path compression.

4. 0000000000

This is possible because all have a single parent o.

5. 9626145889

This is possible because all the roots have a single child root.

6. 9876543210

This is Not possible. Here all parent and child roots are cyclic.