Given a page reference string as:

```
1 2 3 0 1 2 4 1 2 3 0 4 2 1 2 3 0 4
```

Does this page reference string suffer from Belady’s Anomaly when the page replacement algorithm is a) FIFO, b) Clock, c) LRU and d) Optimal? Note: you will need to check the window size from 2 up to 4.