1.	What is the main characteristic of a stack data structure? A. First in, first out (FIFO) B. Last in, first out (LIFO) C. Random access D. Circular access
2.	In the context of a web browser's history, how is the stack utilized? A. By maintaining links in alphabetical order B. By storing links in random order C. By keeping track of visited links in chronological order D. By storing links based on frequency of visitation
3.	Which data structure is NOT recommended for implementing a stack in Python due to potential performance issues? A. Linked list B. Array C. Deque D. Dictionary
4.	What is the time complexity of pushing and popping elements in a stack? A. $O(1)$ B. $O(n)$ C. $O(\log n)$ D. $O(n^2)$
5. Consider the following list:	
W	nat will be the result of executing s.pop()?

```
s = []
s.append('https://www.cnn.com/')
s.append('https://www.cnn.com/world')
s.append('https://www.cnn.com/india')
s.append('https://www.cnn.com/china')
```

- A. https://www.cnn.com/
- B. https://www.cnn.com/world
- C. https://www.cnn.com/india
- D. https://www.cnn.com/china