1. Time taken for pushing elements using StackArray: 334.000 seconds

   Stack: 8 10 5 11 15 23 6 18 20 17

   Stack: 8 10 5 11 15

   Stack: 8 10 5 11 15 4 30 3 1

   ...Program finished with exit code 0

   Press ENTER to exit console

2. Time taken for pushing elements using StackLinkedList: 1203.000nanoseconds

   Stack: 8 10 5 11 15 23 6 18 20 17

   Stack: 8 10 5 11 15

   Stack: 8 10 5 11 15 4 30 3 1

   ...Program finished with exit code 0

   Press ENTER to exit console

```cpp
class StackLinkedList {
    private:
        Node* head;
        Node* top;
    public:
        StackLinkedList() {
            head = nullptr;
            top = nullptr;
        }
        ~StackLinkedList() {
            Node* temp = head;
            while(temp != nullptr) {
                head = head->next;
                delete temp;
                temp = head;
            }
        }
        void push(int x) {
            Node* newNode = new Node(x);
            if(head == nullptr) {
                head = newNode;
                top = newNode;
            } else {
                top->next = newNode;
                top = newNode;
            }
        }
```

```
Time taken for pushing elements using StackLinkedList: 1203.000nanoseconds
Stack: 8 10 5 11 15 23 6 18 20 17
Stack: 8 10 5 11 15
Stack: 8 10 5 11 15 4 30 3 1

...Program finished with exit code 0
Press ENTER to exit console.
```