

```
class Node:
```

```
    def __init__(self, data):
```

```
        self.data = data
```

```
        self.next = None
```

```
class Stack:
```

```
    def __init__(self):
```

```
        self.top = None
```

```
    def push(self, book_title):
```

```
        new_node = Node(book_title)
```

```
        new_node.next = self.top
```

```
        self.top = new_node
```

```
        print(f'Pushed "{book_title}" onto stack.')
```

```
    def pop(self):
```

```
        if self.top is None:
```

```
            print("Stack Underflow! No books to pop.")
```

```
            return None
```

```
        popped_title = self.top.data
```

```
        self.top = self.top.next
```

```
        print(f'Popped "{popped_title}" from stack.')
```

```
        return popped_title
```

```
    def display(self):
```

```
        if self.top is None:
```

```
            print("Stack is empty.")
```

```
        return

    current = self.top

    print("Books in stack (top to bottom):")

    while current:

        print(f'- {current.data}')

        current = current.next


def main():

    stack = Stack()


    while True:

        print("\nChoose an operation:")

        print("1. Push a book title")

        print("2. Pop a book title")

        print("3. Display stack")

        print("4. Exit")

        choice = input("Enter your choice (1-4): ")


        if choice == '1':

            title = input("Enter book title to push: ")

            stack.push(title)

        elif choice == '2':

            stack.pop()

        elif choice == '3':

            stack.display()

        elif choice == '4':

            print("Exiting...")
```

```
break
```

```
else:
```

```
    print("Invalid choice. Please enter 1-4.")
```

```
if __name__ == "__main__":
```

```
    main()
```