**class Node:**

**def \_\_init\_\_(self, data):**

**self.data = data**

**self.next = None**

**class Stack:**

**def \_\_init\_\_(self):**

**self.top = None**

**def push(self, value):**

**new\_node = Node(value)**

**if self.top is None:**

**new\_node.next = None**

**else:**

**new\_node.next = self.top**

**self.top = new\_node**

**print(f'"{value}" pushed onto the stack.')**

**def pop(self):**

**if self.top is None:**

**print("Stack is Empty!!!")**

**return**

**temp = self.top**

**self.top = self.top.next**

**print(f'"{temp.data}" popped from the stack.')**

**del temp**

**def display(self):**

**if self.top is None:**

**print("Stack is Empty!!!")**

**return**

**temp = self.top**

**print("Stack contents:")**

**while temp is not None:**

**print(f"{temp.data} -> ", end="")**

**temp = temp.next**

**print("NULL")**

**stack = Stack()**

**while True:**

**print("\n--- Stack Operations ---")**

**print("1. Push")**

**print("2. Pop")**

**print("3. Display")**

**print("4. Exit")**

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

**if choice == '1':**

**value = input("Enter the book title to push: ")**

**stack.push(value)**

**elif choice == '2':**

**stack.pop()**

**elif choice == '3':**

**stack.display()**

**elif choice == '4':**

**print("Exiting...")**

**break**

**else:**

**print("Invalid choice! Please enter 1 to 4.")**

**output:**

**--- Stack Operations ---**

**1. Push**

**2. Pop**

**3. Display**

**4. Exit**

**Enter your choice (1-4): 1**

**Enter the book title to push: Kannama**

**"Kannama" pushed onto the stack.**

**--- Stack Operations ---**

**1. Push**

**2. Pop**

**3. Display**

**4. Exit**

**Enter your choice (1-4): 1**

**Enter the book title to push: kambar**

**"kambar" pushed onto the stack.**

**--- Stack Operations ---**

**1. Push**

**2. Pop**

**3. Display**

**4. Exit**

**Enter your choice (1-4): 1**

**Enter the book title to push: bible**

**"bible" pushed onto the stack.**

**--- Stack Operations ---**

**1. Push**

**2. Pop**

**3. Display**

**4. Exit**

**Enter your choice (1-4): 3**

**Stack contents:**

**bible -> kambar -> Kannama -> NULL**

**--- Stack Operations ---**

**1. Push**

**2. Pop**

**3. Display**

**4. Exit**

**Enter your choice (1-4): 2**

**"bible" popped from the stack.**

**--- Stack Operations ---**

**1. Push**

**2. Pop**

**3. Display**

**4. Exit**

**Enter your choice (1-4): 4**

**Exiting...**