stack = []

Max = 5

top = -1

def push(book):

global top

if top == Max - 1:

print("Stack is full. Cannot add more books.")

else:

top += 1

stack.append(book)

print("Book added:", book)

def pop():

global top

if top == -1:

print("Stack is empty. Cannot remove books.")

else:

removed\_book = stack.pop()

print("Book removed:", removed\_book)

top -= 1

def peek():

if top == -1:

print("Stack is empty.")

else:

print("Top book is:", stack[top])

# Main loop

while True:

print("\n1. Push book")

print("2. Pop book")

print("3. Peek book")

print("4. Exit")

try:

choice = int(input("Enter your choice: "))

except ValueError:

print("Please enter a valid number.")

continue

if choice == 1:

title = input("Enter the book name: ")

push(title)

elif choice == 2:

pop()

elif choice == 3:

peek()

elif choice == 4:

print("Exiting...")

break

else:

print("Invalid choice. Try again.")