



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

ACADEMIC SESSION 2025-26

Odd Semester



BROWSER HISTORY NAVIGATION SYSTEM

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Browser History Navigation using Stacks

```
back_stack = []
forward_stack = []
current_page = "homepage.com"

while True:
    print("\nCurrent Page:", current_page)
    print("1. Visit New Page")
    print("2. Back")
    print("3. Forward")
    print("4. Exit")

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

    # VISIT A NEW PAGE
    if choice == 1:
        new_page = input("Enter URL: ")
        back_stack.append(current_page)    # push current page to
                                         # back stack
        current_page = new_page           # change to new page
        forward_stack.clear()            # visiting new page clears
                                         # forward history

    # GO BACK
    elif choice == 2:
        if not back_stack:
            print("No back history!")
```

```
else:  
    forward_stack.append(current_page) # push current page  
    to forward stack  
  
    current_page = back_stack.pop() # move to last page  
  
# GO FORWARD  
  
elif choice == 3:  
    if not forward_stack:  
        print("No forward history!")  
    else:  
        back_stack.append(current_page)  
        current_page = forward_stack.pop()  
  
# EXIT PROGRAM  
  
elif choice == 4:  
    print("Exiting Browser...")  
    break  
  
else:  
    print("Invalid choice! Please try again.")
```