```
#include<stdio.h>
#include<stdlib.h>
#include<windows.h>
#include<string.h>
struct Node {
     char url[63];
      int sr no ;
      struct Node *prev;
      struct Node *next;
};
typedef struct Node *node;
node accept() {
      node temp;
    int sr=1;
      temp = (node) malloc(sizeof(struct Node));
      printf("\n Enter the URL : ");
      scanf("%s",temp->url);
      temp->sr no=sr;
      temp->next=NULL;
      temp->prev=NULL;
      return(temp);
node insert_record(node head, int numOfUrls){
      node new node, temp;
      new node=accept();
    new node->sr no = numOfUrls + 1;
      if(head==NULL){
                  head =new node;
                  return (head);
      }
      else{
                 temp = head;
                  while(temp->next!=NULL) {
                             temp = temp->next;
                  }
                  temp->next=new node;
                  new node->prev=temp;
                  return (head);
      }
void display(node head) {
     node temp= head;
      int op;
      if(head==NULL) {
                  printf("\n X-X-X-X-XThere are no websites linked X-X-X-
X-X-X");
                  return ;
      else{
```

```
while(temp!=NULL){
                printf("\n-- ----- ");
                printf("\n URL : %s", temp->url);
                printf("\n SR.NO : %d",temp->sr no);
       char link[70] = "start ";
       strcat(link, temp->url);
       system(link);
                printf("\n IF YOU WANT TO GO TO NEXT URL PRESS '1' OR TO
PREVIOUS URL PRESS '2' OR PRESS '0' TO GO TO MENU ");
                scanf("%d", &op);
                if(op==1){
                           temp=temp->next;
                if(op==2){
                           temp=temp->prev;
                if(op==0){
                           return;
                }
     }
 }
void modify rec(node head) {
     node temp;
     int num;
    if(head==NULL){
                printf("\n X-X-X-X-XThere are no websites linked X-X-X-
X-X-X'');
                return ;
     }
     printf("\n ENTER THE SERIAL NUMBER OF THE WEBSITE TO BE
MODIFIED :");
     scanf("%d",&num);
     temp =head;
     while(temp->next!=NULL && temp->sr no!=num){ // to search the
record
                temp = temp->next;
      if(temp==NULL){
                printf("\n WEBSITE NOT FOUND!!!!!!\n");
      }
      else{
                printf("\n-- ----- ");
                printf("\n THE SEARCHED WEBSITE IS FOUND : ");
                printf("\n Enter the url to be modified: ");
               scanf("%s",temp->url);
           printf("\n <> YOUR URL IS MODIFIED <>");
           printf("\n-- ----- ");
      }
}
```

```
node delete rec(node head) {
     node temp, temp1, prev temp;
     int num;
     printf("\n ENTER THE SERIAL NUMBER OF THE WEBSITE TO BE DELETED :");
     scanf("%d",&num);
     temp =head;
     while(temp->next!=NULL && temp->sr no!=num) {
               temp = temp->next;
      if(temp==NULL) {
                              //if it is a empty list
               printf("\n WEBSITE NOT FOUND!!!!!!\n");
                return (head);
      }
      else{
                if(temp->prev==NULL){
                          printf("\n THE SEARCHED WEBSITE IS FOUND
IS : ");
                          printf("\n-- ----- ");
                          printf("\n URL : %s", head->url);
                     printf("\n-- ----- ");
                     printf("\n <> THIS WEBSITE IS DELETED <>");
                           temp1=temp->next;
                           temp->next=NULL;
                           temp1->prev=NULL;
                           free(temp);
                           return(temp1);
                                                       //returing new
head
                 else if(temp->next==NULL) {
                                                  //if it is the last
node
                          printf("\n THE SEARCHED WEBSITE IS FOUND
IS : ");
                          printf("\n-- ----- ");
                          printf("\n URL : %s", temp->url);
                     printf("\n-- ----- ");
                     printf("\n <> THIS WEBSITE IS DELETED <>");
                          temp1=temp->prev;
                          temp1->next=NULL;
                          temp->prev=NULL;
                          free(temp);  // releasing the memory
                          return (head);
                 }
                                 //if it is the node in between
                 else{
                 printf("\n THE SEARCHED WEBSITE IS FOUND IS: ");
                          printf("\n-- ----- ");
                          printf("\n URL : %s", temp->url);
                     printf("\n-- ----- ");
                     printf("\n <> THIS WEBSITE IS DELETED <>");
                          prev temp=temp->prev;
                          temp1=temp->next;
                          prev temp->next=temp1;
                          temp->prev=NULL;
                          temp1->prev=prev temp;
```

```
temp->next=NULL;
                             free (temp);
                             return (head);
                   }
      }
}
void CloseTabs()
   system("taskkill /F /IM MicrosoftEdge.exe");
   system("TASKKILL /IM chrome.exe /F");
   system("cls");
int main(){
      int choice, numOfUrls = 0;
      node head=NULL ;
      do{
                 printf("\n ---- MENU--- -");
                 printf("\n 1.INSERT URL \n 2.DISPLAY URL \n 3.MODIFY
RECORD \n 4.DELETE RECORD \n 5.CLOSE ALL TABS (Works only for Chrome and
Edge) \n 0.EXIT");
                 printf("\n ENTER YOUR CHOICE : ");
                 scanf("%d", &choice);
                 switch(choice){
                             case 1:
                                head=insert record(head, numOfUrls);
               numOfUrls++;
                             break;
                             case 2:
                                   display(head);
                             break;
                             case 3:
                                   modify_rec(head);
                             break;
                             case 4:
                if (head==NULL)
                    printf("\n X-X-X-X-XThere are no websites linked X-
X-X-X-X-X");
                else
                   head=delete rec(head);
                }
                             break;
            case 5:
               CloseTabs();
               break;
            default:
               printf("Invalid Input!");
               break;
```

```
return 0;
}
/* OUTPUT
---- MENU--- -
1. INSERT URL
2. DISPLAY URL
3. MODIFY RECORD
4. DELETE RECORD
5. CLOSE ALL TABS (Works only for Chrome and Edge)
O.EXIT
ENTER YOUR CHOICE : 1
Enter the URL : www.google.com
---- MENU--- -
1. INSERT URL
2. DISPLAY URL
3. MODIFY RECORD
4. DELETE RECORD
5. CLOSE ALL TABS (Works only for Chrome and Edge)
O.EXIT
ENTER YOUR CHOICE : 1
Enter the URL : www.youtube.com
```

}

}while(choice!=0);

```
1. INSERT URL
2. DISPLAY URL
3. MODIFY RECORD
4. DELETE RECORD
5. CLOSE ALL TABS (Works only for Chrome and Edge)
0.EXIT
ENTER YOUR CHOICE : 1
Enter the URL: www.amazon.in
---- MENU--- -
1. INSERT URL
2. DISPLAY URL
3. MODIFY RECORD
4. DELETE RECORD
5. CLOSE ALL TABS (Works only for Chrome and Edge)
0.EXIT
ENTER YOUR CHOICE : 2
-- -----
URL : www.google.com
SR.NO : 1
IF YOU WANT TO GO TO NEXT URL PRESS '1' OR TO PREVIOUS URL PRESS '2' OR
PRESS '0' TO GO TO MENU 1
-- -----
URL : www.youtube.com
SR.NO : 2
IF YOU WANT TO GO TO NEXT URL PRESS '1' OR TO PREVIOUS URL PRESS '2' OR
PRESS '0' TO GO TO MENU 1
-- -----
URL : www.amazon.in
SR.NO : 3
IF YOU WANT TO GO TO NEXT URL PRESS '1' OR TO PREVIOUS URL PRESS '2' OR
PRESS '0' TO GO TO MENU 0
---- MENU--- -
1. INSERT URL
2. DISPLAY URL
3. MODIFY RECORD
4. DELETE RECORD
5. CLOSE ALL TABS (Works only for Chrome and Edge)
0.EXIT
ENTER YOUR CHOICE : 3
ENTER THE SERIAL NUMBER OF THE WEBSITE TO BE MODIFIED :1
__ ____
THE SEARCHED WEBSITE IS FOUND:
Enter the url to be modified: www.flipkart.com
```

---- MENU--- -

<> YOUR URL IS MODIFIED <>

--_-_ ---_MENU---_-

- 1. INSERT URL
- 2. DISPLAY URL
- 3. MODIFY RECORD
- 4. DELETE RECORD
- 5. CLOSE ALL TABS (Works only for Chrome and Edge)

0.EXIT

ENTER YOUR CHOICE : 2

-- -----

URL : www.flipkart.com

SR.NO : 1

IF YOU WANT TO GO TO NEXT URL PRESS '1' OR TO PREVIOUS URL PRESS '2' OR PRESS '0' TO GO TO MENU 5

-- -----

URL : www.flipkart.com SR.NO : 1

IF YOU WANT TO GO TO NEXT URL PRESS '1' OR TO PREVIOUS URL PRESS '2' OR PRESS '0' TO GO TO MENU 0

---- MENU--- -

- 1. INSERT URL
- 2. DISPLAY URL
- 3. MODIFY RECORD
- 4. DELETE RECORD
- 5. CLOSE ALL TABS (Works only for Chrome and Edge)

0.EXIT

ENTER YOUR CHOICE :

*/







