

```
#include<stdio.h>
#include<stdlib.h>
struct node{
int data;
struct node*next;
}*head,*tail;
void creation() {
    int n;
    printf("Enter the Size= ");
    scanf("%d", &n);

    int i = 1;
    while (i <= n) {
        struct node *newnode;
        newnode = (struct node *)malloc(sizeof(struct node));
        int value;
        printf("Enter the value= ");
        scanf("%d", &value);
        newnode->data = value;
        newnode->next = NULL;

        if (head == NULL) {
```

```

        head = newnode;
        tail = newnode;
    } else {
        tail->next = newnode;
        tail = newnode;
        tail->next=head;

    }

    i++;
}

}

void insertAtfist(){
int value;
printf("Enter the value DO!you insert= ");
scanf("%d",&value);
struct node*newnode;
newnode=(struct node*)malloc(sizeof(struct node));
newnode->data=value;
newnode->next=head;
tail->next=newnode;

```

```
head=newnode;
}
void insertAtlast(){
int value;
printf("Enter the value DO!you insert= ");
scanf("%d",&value);
struct node*newnode;
newnode=(struct node*)malloc(sizeof(struct node));
newnode->data=value;
tail->next=newnode;
newnode->next=head;
tail=newnode;
}
void specific(){
int n;
int i=1;
printf("Enter the position= ");
scanf("%d",&n);
struct node*ptr=head;
while(i<n-1){
ptr=ptr->next;
i++;
```

```

}
int value;
printf("Enter the value= ");
scanf("%d",&value);
struct node*newnode;
newnode=(struct node*)malloc(sizeof(struct node));
newnode->data=value;
newnode->next=ptr->next;
ptr->next=newnode;
}
void deleteAtfirst(){
struct node *temp;

temp=head;
head=head->next;
tail->next=head;
free(temp);
}
void delleteAtlast(){
struct node*temp;
temp=head;
while(temp->next!=tail){

```

```

    temp=temp->next;
}
tail->next=NULL;
temp->next=head;
tail=temp;
}
void travase(){
    struct node *temp=head;
    while(temp->next!=head){
        printf("%d->",temp->data);
        temp=temp->next;
    }
    printf("%d->",temp->data);

}

```

```

void deleteSpecficPosition(){
    int n;
    int i=1;
    struct node*temp,*newnode;
    temp=head;
    printf("Enter the positon = ");

```

```
scanf("%d",&n);
while(i<n-1){
temp=temp->next;
    i++;
}
temp->next=temp->next->next;

}

int main(){
    creation();
    //insertAtfist();
    //insertAtlast();
    specific();
    //travase();
    //deleteAtfirst();
    // delleteAtlast();
    //deleteSpecficPosition();

    travase();

}
```