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DOULE:
#include<stdio.h>
#include<stdlib.h>
struct node
struct node*prev;
int data;
struct node*next;
}*head,*current;
void creation(){
int size;
printf("Enter the linklist size= ");
scanf("%d",&size);
int i=1;
while(i<=size){
  int value;
  printf("Enter the value= ");
  scanf("%d",&value);
  struct node*newnode;
  newnode=(struct node*)malloc(sizeof(struct node));
  newnode->prev=NULL;
  newnode->data=value;
  newnode->prev=NULL;
  if(head==NULL){
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head=newnode;
    current=newnode;
  }
 else{
  current->next=newnode;
  newnode->prev=current;
  current=newnode;
 }
i++;
}
void display(){
  struct node*temp;
  temp=head;
  while(temp!=NULL){
    printf("%d->",temp->data);
    temp=temp->next;
  }
void insertAtfast(){
  int value;
  printf("Enter the value= ");
  scanf("%d",&value);
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struct node*newnode;
  newnode=(struct node*)malloc(sizeof(struct node));
  newnode->data=value;
  newnode->prev=NULL;
  newnode->next=head;
  head->prev=newnode;
  head=newnode;
}
void insertAtlast(){
  int value;
  printf("Enter the value= ");
  scanf("%d",&value);
 struct node*newnode;
  newnode=(struct node*)malloc(sizeof(struct node));
  newnode->data=value;
  newnode->next=NULL;
  current->next=newnode;
  newnode->prev=current;
  current=newnode;
}
void specific(){
 int pos;
 printf("Enter the position=");
```

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scanf("%d",&pos);
 struct node*temp=head;
 for(int i=1;i<pos-1;i++){
 temp=temp->next;
 }
 int value;
  printf("Enter the value= ");
  scanf("%d",&value);
  struct node*newnode;
  newnode=(struct node*)malloc(sizeof(struct node));
  newnode->data=value;
  newnode->next=temp->next;
  temp->next->prev=newnode;
  temp->next=newnode;
  temp->prev=newnode;
  newnode->prev=temp;
}
void deleteAtfirst(){
struct node*temp=head;
head=head->next;
free(temp);
head->prev=NULL;
}
```

```
void deleteAtlast(){
  struct node*temp=current;
  current=current->prev;
  free(temp);
  current->next=NULL;
}
void deleteAtspecific(){
struct node*temp=head;
int pos;
printf("Enter the position= ");
scanf("%d",&pos);
for(int i=1;i<pos-1;i++){
  temp=temp->next;
}
temp->next=temp->next->next;
temp->next->prev=temp;
}
}
```