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Doubly linked list :

```
struct node {
    struct node *prev;
    int data;
    struct node *next;
};
```

```
void insert_spcl(int value, struct node *prev, struct node *next)
{
    struct node *new_node = (struct node*) malloc
                            (sizeof(struct node));
    struct node *temp;
    new_node -> data = value;
    new_node -> next = NULL;
    new_node -> prev = NULL;

    for ( i=0 ; i< pos-1 ; i++)
    {
        temp = temp -> next;
        if (temp == NULL
    }

    new_node -> next = temp -> next;
    new_node -> prev = temp;
    temp -> next = new_node;
    temp -> next -> prev = new_node;
}
```

```
void delete_speci()struct node *prev, struct *nod
{
  struct node *ptr, *temp = *head;
    int value;
  Printf("Enter the value you want to
        delete");
    Scanf("%d", &value);
    for(i=0; i<pos; i++)
      { tem = temp->next;
        if (temp == NULL)
    while(temp->data != value).
  { temp = temp->next; }
    if (temp->next == NULL)
    printf("can't delete");
  }
  else if{ temp->next->next == NULL;
      temp->next = NULL
    }
  else
    {
      ptr = temp->next
      temp->next = ptr->next
      ptr->next->prev = temp;
      free(ptr);
    }
  }
```

```
display(struct node **head);
{
    struct node *temp = *head;
    if (*head == NULL)
        printf("List is empty");
    else
    {
        while (temp != NULL)
        { printf("%d", temp->data);
            temp = temp->next;
        }
    }
```