

```

struct node *display(struct node *start)
{

```

```

    struct node *ptr;
    ptr = start;
    while (ptr != NULL)

```

```

        print (ptr->data);

```

```

        ptr = ptr->next;

```

```

    return start;
}

```

~~struct no~~ ~~node *ptr;~~

```

struct node *insert_beg(struct node *start)
{

```

```

    struct node *new-node
    int num;

```

~~input~~ input num;

and declare

```

    new-node -> data = num;

```

```

    new-node -> next = start;

```

```

    start = new-node;

```

```

    return start;
}

```

```

struct node *insert_end(struct node *start)
{

```

~~struct no~~ struct node *ptr, *new-node;

```

    int num;

```

input and declare new-node.

```

    new-node -> data = num;

```

```

    new-node -> next = NULL;

```

```

    ptr = start;

```

```
while (ptr → next != NULL)
```

```
ptr = ptr → next
```

```
ptr → next = new_node;
```

```
return start;
```

```
}
```

```
void add_at_end ( ) {
```

```
data = num;
```

```
ptr = start;
```

```
preptr = ptr;
```

```
while (preptr → data != val)
```

```
{
```

```
preptr = ptr;
```

```
ptr = ptr → next;
```

```
}
```

```
preptr → next = new_node;
```

```
new_node → next = ptr;
```

```
return start;
```

```
}
```

```
struct node * delete_beg ( *start )
```

```
{
```

```
struct node * ptr;
```

```
ptr = start;
```

```
start = start → next;
```

```
free(ptr);
```

```
return start;
```

```
}
```



```

struct node * delete_end (struct node * start)
{

```

```

    struct node * ptr, * preptr;
    ptr = start;

```

```

    while (ptr -> next != NULL)
    {

```

```

        preptr = ptr;
        ptr = ptr -> next;
    }

```

```

    preptr -> next = NULL;
    free(ptr);
    return start;
}

```

```

struct node * delete_after (start) {

```

```

    ptr = start;
    preptr = ptr;

```

```

    while (preptr -> data != val)
    {

```

```

        preptr = ptr;
        ptr = ptr -> next;
    }

```

```

    preptr -> next = ptr -> next;

```

```

    free(ptr);
    return start;
}

```