Day 3 Assignment

Q-1)int insert\_any()

{

    int pos,i,num;

    if(start==NULL)

    {

        printf("List is empty!!");

        return 0;

    }

    t=(struct node\*)malloc(sizeof(struct node));

    printf("Enter data:");

    scanf("%d",&num);

    printf("Enter position to insert:");

    scanf("%d",&pos);

    t->data=num;

    q=start;

    for(i=1;i<pos-1;i++)

    {

        if(q->next==NULL)

        {

            printf("There are less elements!!");

            return 0;

        }

        q=q->next;

    }

    t->next=q->next;

    q->next=t;

    return 0;

}

Q-2)void delete\_beg()

{

    if(start==NULL)

    {

        printf("The list is empty!!");

    }

    else

    {

        q=start;

        start=start->next;

        printf("Deleted element is %d",q->data);

        free(q);

    }

}

Q-3)void delete\_end()

{

    if(start==NULL)

    {

        printf("The list is empty!!");

    }

    else

    {

        q=start;

        while(q->next->next!=NULL)

        q=q->next;

        t=q->next;

        q->next=NULL;

        printf("Deleted element is %d",t->data);

        free(t);

    }

}