

```
void reverse()
```

```
{
```

```
    int i,j,len,temp;
```

```
    struct node *p,*q;
```

```
    len=length();
```

```
    i=1;
```

```
    j=length();      j=4
```

```
    p=q=first;
```

```
    while(i<j) i=3, j=2
```

```
    {
```

```
        k=1;
```

```
        while(k<j) k=3,j=3
```

```
        {
```

```
            q=q->link; q=1028
```

```
            k++;
```

```
        }
```

```
        temp=p->data; temp=5
```

```
        p->data=q->data;
```

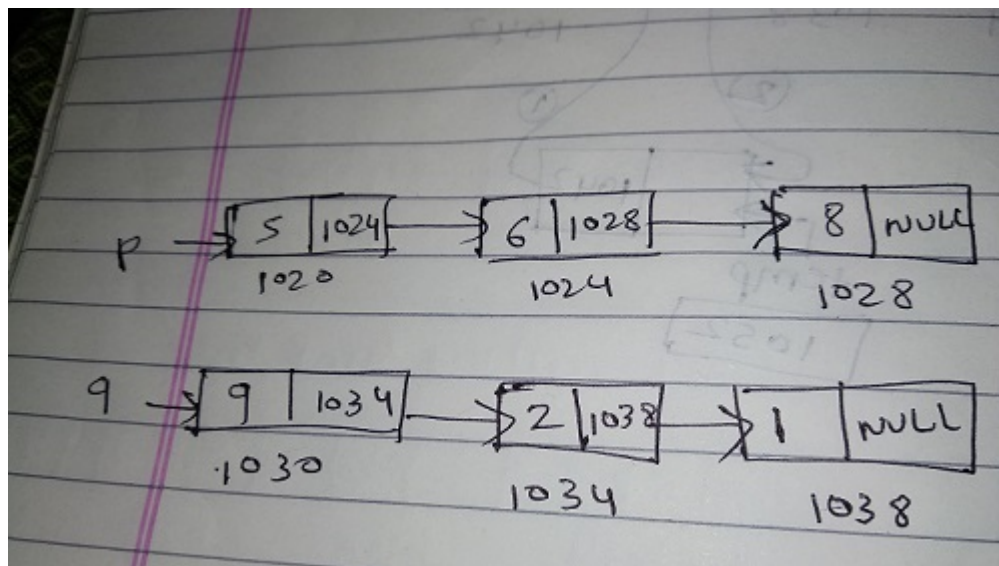
```
        q->data=temp;
```

```

        i++;
        j--;
        p=p->link; p=1024
        q=first; q=1020
    }
}

```

Merging two linked list



```

Struct node * merge()
{
    Struct node *temp;
    temp=first;
    while(temp->link!=NULL)
    {
        temp=temp->link;
    }
    temp->link=q;
    free(q);
    return p;
}

```

