```
//定义 insert 函数,用来合并两个链表
struct student * insert(struct student * ah,struct student * bh)
  {struct student *  pa1, *  pa2, *  pb1, *  pb2;
  pa2=pa1=ah;
  pb2=pb1=bh;
  do
    {while((pb1->num>pa1->num) &&(pa1->next!=NULL))  //用b表中每个
      {pa2=pa1;                                       比较,我引
       pa1=pa1->next;
      }
     if(pb1->num <= pa1->num)
       {if(ah==pa1)
           ah=pb1;
        else
           pa2->next=pb1;
        pb1=pb1->next;
        pb2->next=pa1;
        pa2=pb2;
        pb2=pb1;
       }
    }while((pa1->next!=NULL) ||(pa1==NULL && pb1!=NULL));
   if((pb1!=NULL) &&(pb1->num>pa1->num) &&(pa1->next==NULL)
      pa1->next=pb1;
   return(ah);
  }
```