// Online Java Compiler

// Use this editor to write, compile and run your Java code online

class node{

int data;

node next;

public node(int data)

{

this.data=data;

next=null;

}

}

class SLL{

node head;

node tail;

// int Count

public SLL()

{

head=tail=null;

}

public void Insert(int data)

{

// Count++;

node n=new node(data);

if(head==null)

{

head=n;

tail=n;

}

else

{

tail.next=n;

tail=n;

}

}

public void Print()

{

node curr=head;

while(curr!=null)

{

System.out.println(curr.data+"\n");

curr=curr.next;

}

}

public boolean Search(int val)

{

node curr=head;

while(curr!=null)

{

if(val==curr.data)

{

return true;

}

curr=curr.next;

}

return false;

}

public void Update(int o\_val,int n\_val)

{

node curr=head;

while(curr!=null)

{

if(o\_val==curr.data)

{

curr.data=n\_val;

}

curr=curr.next;

}

}

public void PrintRev(node curr)

{

if(curr!=null)

{

PrintRev(curr.next);

System.out.println(curr.data);

}

}

public void insertAt(int pos,int data)

{

node n=new node(data);

int c=1;

node curr=head;

if(pos==1)

{

n.next=head;

head=n;

}

else{

while(curr!=null)

{

if(c-1==pos)

{

curr.next=curr.next.next;

}

c++;

curr=curr.next;

}

}

}

public void Delete(int val)

{

if(val==head.data)

{

head=head.next;

}

else if(tail.data==val)

{

node curr=head;

// System.out.println(curr.data);

while(curr!=null)

{

if(curr.next.next==null)

{

tail=curr;

tail.next=null;

// break;

}

curr=curr.next;

}

}

else{

node curr=head;

while(curr.next!=null)

{

if(curr.next.data==val)

{

curr.next=curr.next.next;

}

curr=curr.next;

}

}

}

}

class HelloWorld {

public static void main(String[] args) {

SLL obj=new SLL();

obj.Insert(5);

obj.Insert(191);

obj.Insert(65);

obj.Insert(13);

obj.Insert(15);

obj.Insert(25);

obj.Delete(13);

obj.Print();

//obj.PrintRev();

}

}