**package** LinkedList;

**class** LinkedList

{

**static** Node *head*;

**class** Node

{

**int** data;

Node next;

Node(**int** d)

{

data = d;

next = **null**;

}

}

**void** deleteKey(**int** key)

{

Node temp = *head*, prev = **null**;

**while** (temp != **null** && temp.data == key)

{

*head* = temp.next;

temp = *head*;

}

**while** (temp != **null**)

{

**while** (temp != **null** && temp.data != key)

{

prev = temp;

temp = temp.next;

}

**if** (temp == **null**)

**return**;

prev.next = temp.next;

temp = prev.next;

}

}

**public** **void** push(**int** new\_data)

{

Node new\_node = **new** Node(new\_data);

new\_node.next = *head*;

*head* = new\_node;

}

**public** **void** printList()

{

Node tnode = *head*;

**while** (tnode != **null**)

{

System.***out***.print(tnode.data + " ");

tnode = tnode.next;

}

}

**public** **static** **void** main(String[] args)

{

LinkedList llist = **new** LinkedList();

llist.push(9);

llist.push(5);

llist.push(3);

llist.push(2);

llist.push(6);

llist.push(1);

llist.push(3);

llist.push(2);

**int** key = 3;

System.***out***.println("Created Linked list is:");

llist.printList();

llist.deleteKey(key);

System.***out***.println( "\nLinked List after Deletion is:");

llist.printList();

}

}