**package** com;

**public** **class** SinglyLinkedList {

Node head;

**class** Node {

**int** data;

Node next;

Node(**int** d)

{

data = d;

next = **null**;

}

}

**void** deleteNode(**int** key) {

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

**if** (temp != **null** && temp.data == key) {

head = temp.next;

**return**;

}

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

prev = temp;

temp = temp.next;

}

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

**return**;

prev.next = temp.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) {

SinglyLinkedList llist = **new** SinglyLinkedList();

llist.push(3);

llist.push(20);

llist.push(1);

llist.push(7);

llist.push(4);

llist.push(6);

System.***out***.println("\nCreated Single Linked list is:");

llist.printList();

llist.deleteNode(1);

System.***out***.println("\n Displayed Linked List after Deletion of 1:");

llist.printList();

}

}

