~\OneDrive\Desktop\coding\DSA\Stack\stacklinklist.cpp

```cpp
#include<iostream>
using namespace std ;
class node{
    public:
    int data;
    node*next;
    node(int data){
        this->data=data;
        this->next=NULL;
    }
};
class stack{
    public:
    node*head;
    stack(){
        head=NULL;
    }
    void push(int data){
        node*newnode=new node(data);
        if(head==NULL){
            head=newnode;
        }
        else{
            newnode->next=head;
            head=newnode;
        }
    }
    void pop(){
        if(head==NULL){
            cout<<"stack is empty";
        }
        else{
            node*temp=head;
            head=head->next;
            delete temp;
        }

    }
    int front(){
        return head->data;

    }
    bool empty(){
        return head==NULL;
    }
};
int main(){
    int arr[]={4,6,7,8,9};
    stack a;
    for (int i = 0; i < 5; i++)
    {
```

```
        a.push(arr[i]);
    }

    // a.push(2);
    // a.push(6);
    // a.push(5);

    while(!a.empty()){
        cout<<a.front()<<endl;
        a.pop();
    }
    return 0 ;
}
```