```
//Stack Liste Implementasyonu
#include<iostream>
#include"stack_arr.h"
using namespace std;
struct node
{
	int data;
	node *next;
};

node *tanimla() {

	node *root;
	root = NULL;
	return root;
}
node *push(node *r,int x) {

	if (r == NULL)
	{
		r = new node;
		r->data = x;
		r->next = NULL;
	}
	else
	{
		node *yrd;
		yrd = new node;
		yrd->data = x;
		yrd->next = r;
		r = yrd;
	}
	return r;
}
pair<node*,int> pop(node *r,int a) {

	if (r == NULL)
		cout << "stack bos"<<endl;
	node *yrd;
	yrd = r;
	r = r->next;
	yrd->next = NULL;
	return make_pair(r, yrd->data);
}

void yazdir(node *r) {

	if (r == NULL)
		cout << "stack bos" << endl;
	else
	{
		while (r != NULL) {
			cout << r->data << endl;
			r = r->next;
		}
	}
	system("pause");

}
```

```
void main() {

	node *root1;
	node *root2;
	root1 = tanimla();
	root2 = tanimla();


	for (int i = 0;i < 15;i++)
		root1 = push(root1, (i + 1) * 7);

	yazdir(root1);
	yazdir(root2);

	for (int i = 0;i < 15;i++)
	{
		pair<node*, int> f = pop(root1, 0);
		root1 = f.first;
		root2 = push(root2, f.second);
	}

	yazdir(root1);
	yazdir(root2);


}
```