

Struct node

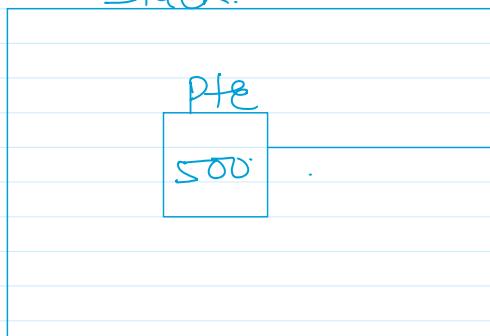
```
{
    int data;
    struct node *next;
}
```

self referential  
structure

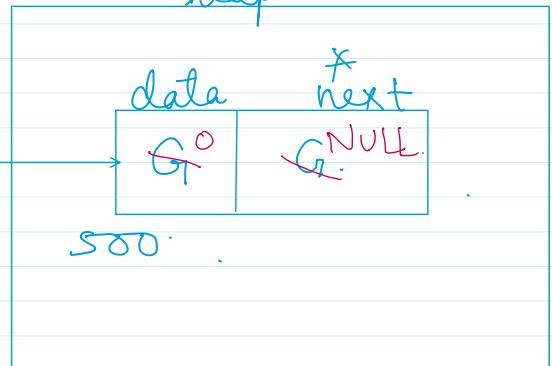
A structure having a pointer  
field of its own type.

`struct node *ptr = (struct node*) malloc(sizeof(struct node));`

Stack



heap



`ptr->data = 0;`  
`ptr->next = NULL;`