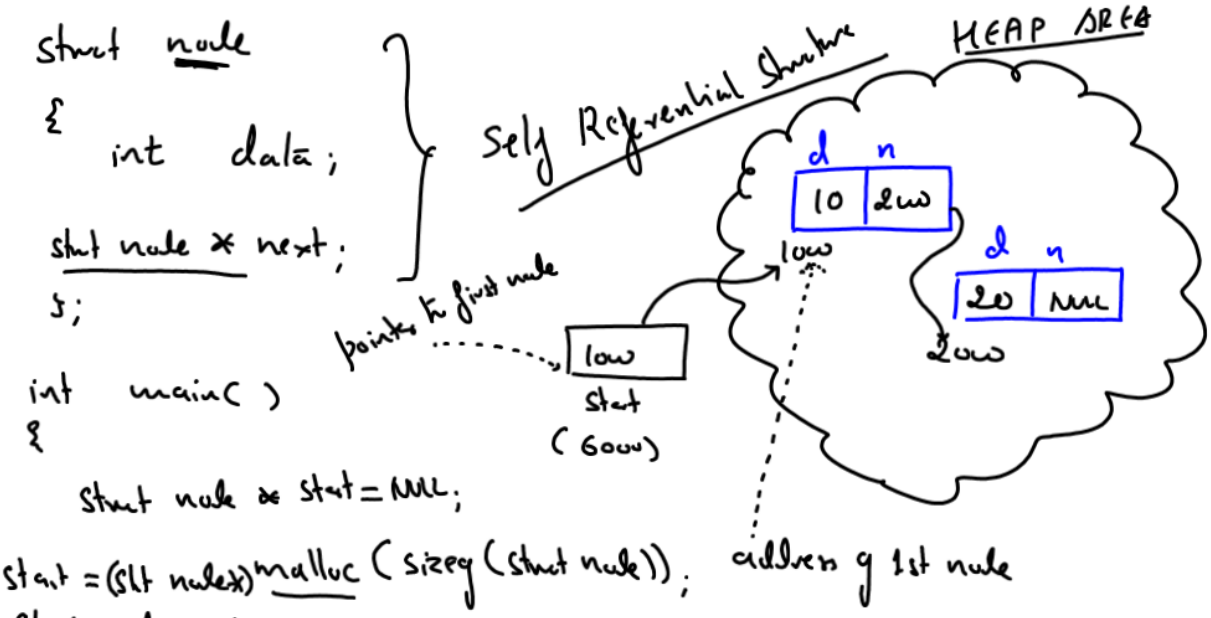
Implementing Linked List In C



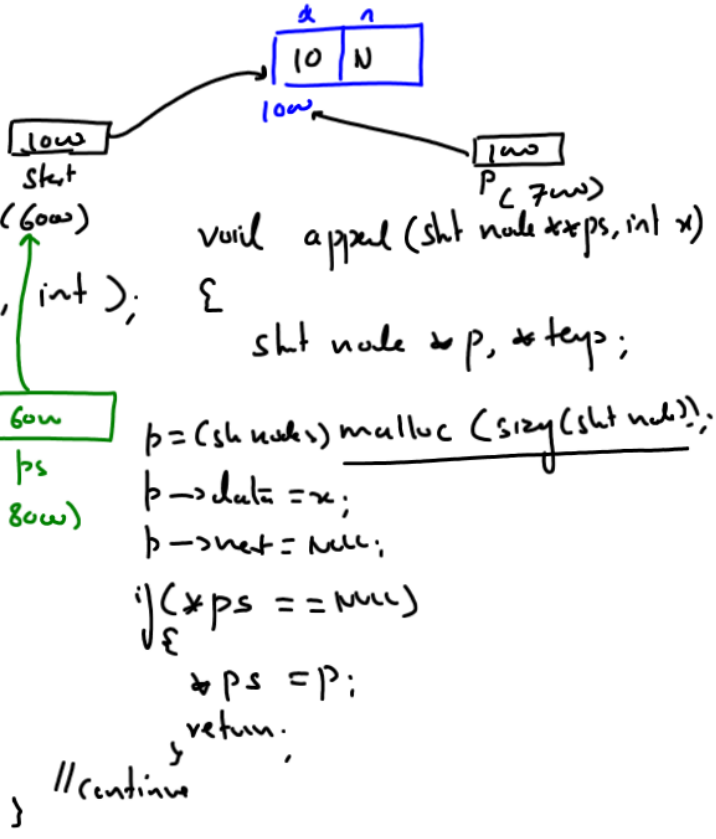

```
start->next = (struct node *) malloc (sizeof (struct node));
(start->next)->data = 20;
(start->next)->next = NULL;
```

```
}
```

Implementing Linked List Using Functions

```
struct node
{
    int data;
    struct node *next;
};
void append (struct node **, int );

int main()
{
   struct node *start=NULL;
   append(&start, 10);
   append(&start, 20);
   append(&start, 30);
   =
}
```




```
void append (struct node **ps, int x)
{
    struct node *p, *temp;
    p=(struct node*) malloc (sizeof(struct node));
    p->data=x;
    p->next=NULL;
    if(*ps==NULL)
    {
       *ps=p;
       return;
    }
    //continue
}
```

```
printf("%d", *p); — 10
printf("%d", p); — 2000
```

```
int a=10;
int *p;
p=&a;
int **q;
q=&p;
int ***q;
q=&p;
```

```
printf("%d", &p);
```


```
printf("%d", a);
printf("%d", *p);
```

Value at addr. st in p