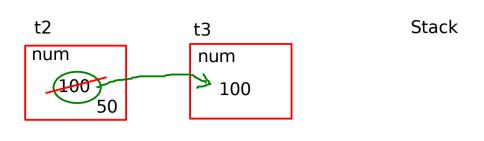
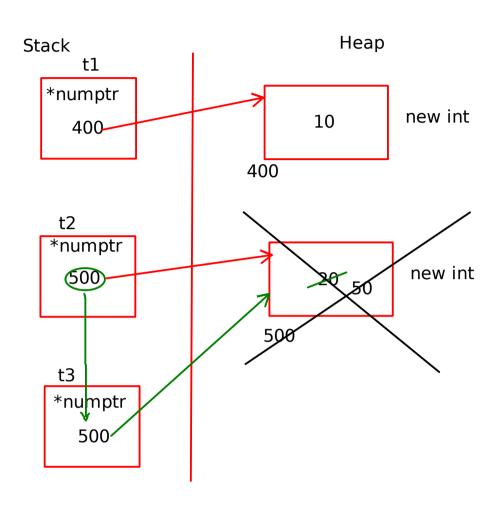
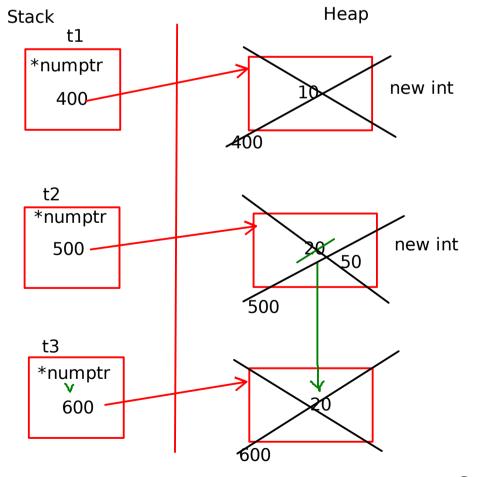
```
ifstream fin
  ofstream fout

while(getline(fin,data))
{
  cout<<data<<endl;
  stringstream line(data);
}

// copy ctor
  Test(Test &t){
}</pre>
```







operator+(m1,m2);

```
"sunbeam"+"infotech"
```

M1+M2

```
+ --> Obj + Obj
>> --> cin>>Obj
<< --> cout<<Obj
```

Why to do the operator overloading

```
Matrix m1;
Matrix m2;
Matrix m3 = m1 + m2;

// withinh the class
m1.operator+(m2)

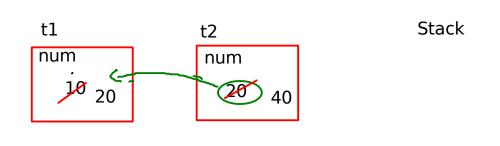
// global scope

Student s1;
cin>>s1;

within the class
cin.operator>>(s1);

operator>>(cin,s1);
```

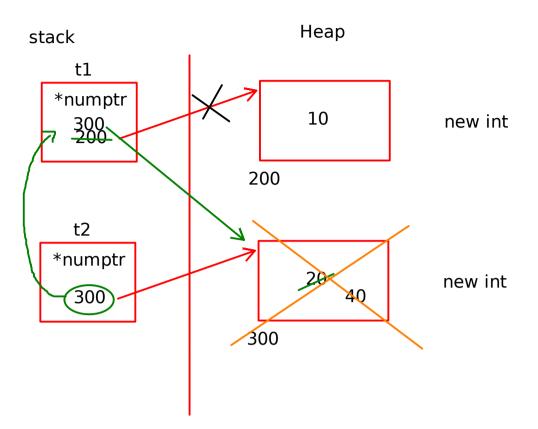
operator>>(istream &in,Student &s1)



Test t1; // 10 Test t2(20); // 20

t1=t2; // copy -> Assignment

cout<<t2<<endl; //20 cout<<t1<<endl; //20



Test t1; // 10 Test t2(20); // 20

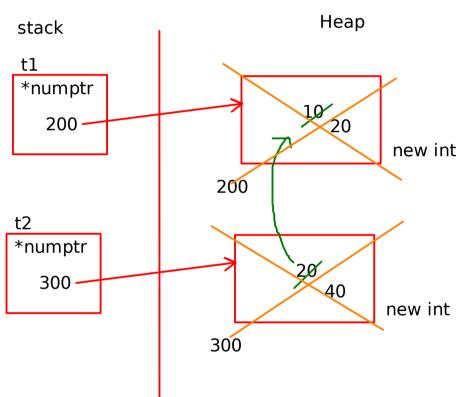
// t1 = t2; // Assignment

Test t1;

Test t2(20);

Test t3 = t2; // initialization

int num1 = 10; // initialization
num1 = 20; // assignment



Test t1; // 10 Test t2(20); // 20

t1 = t2; // Assignment

Manipulators are used to manipulate the oaniutput -> Output formatting

Manipulators are of 2 types

- 1. Without arguments
- 2. With arguments