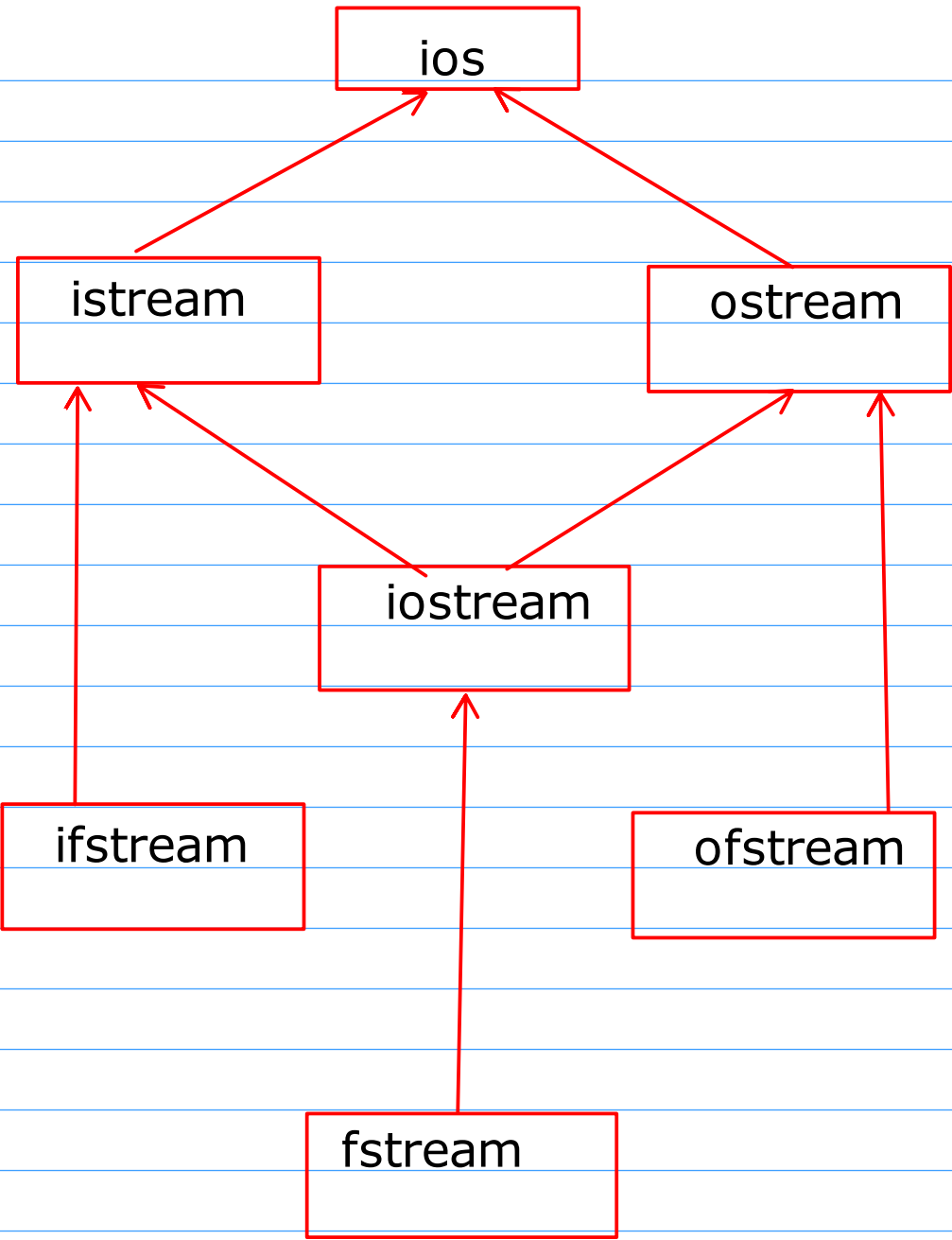


Stream

Persistence

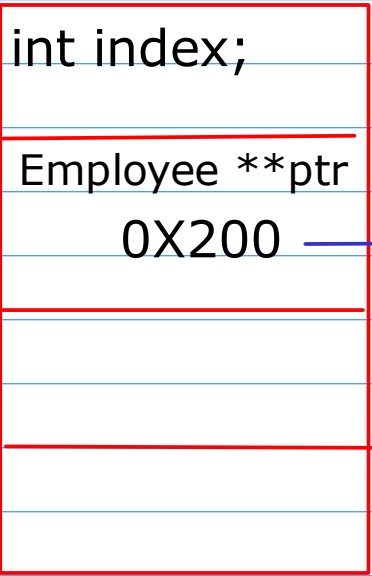


```
class Employee{  
  
}  
  
vector<Employee *>  
add employee  
display all employee  
find employee  
delete employee
```

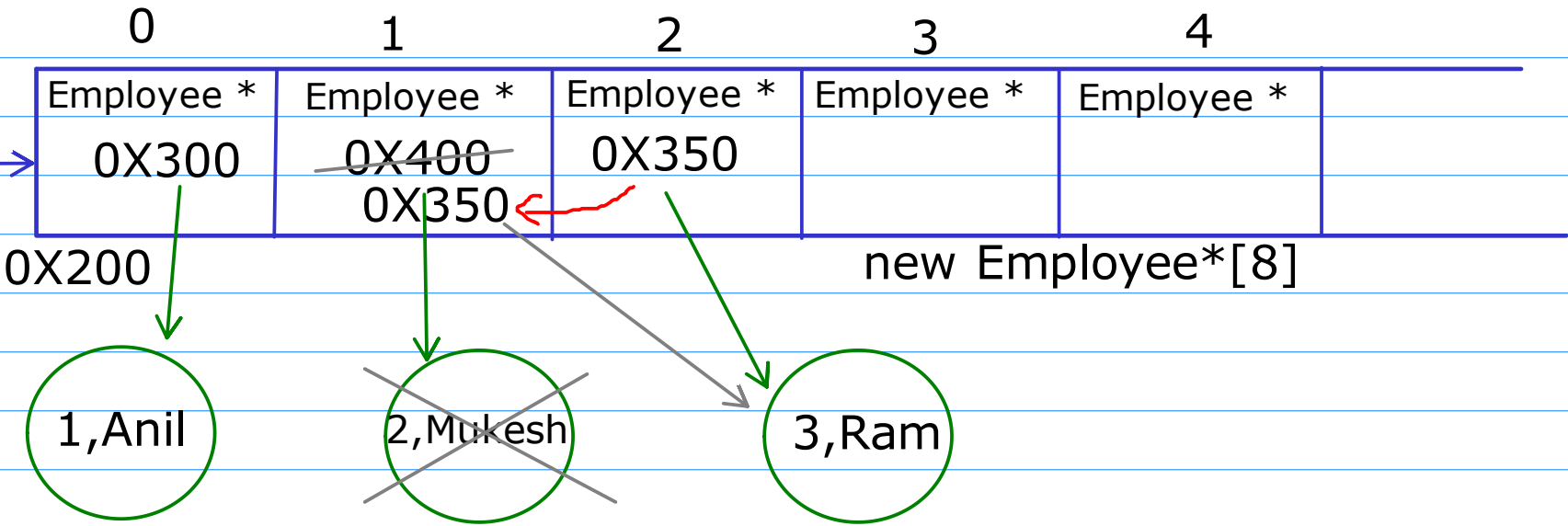
```
class Student{  
  
}  
  
vector<Student *>  
add Student
```

emp.txt

```
vector<Employee*> emp_list
```



```
delete[] ptr;
```



new Employee(1,"Anil",10000) new Employee(1,"Anil",10000) new Employee(1,"Anil",10000)

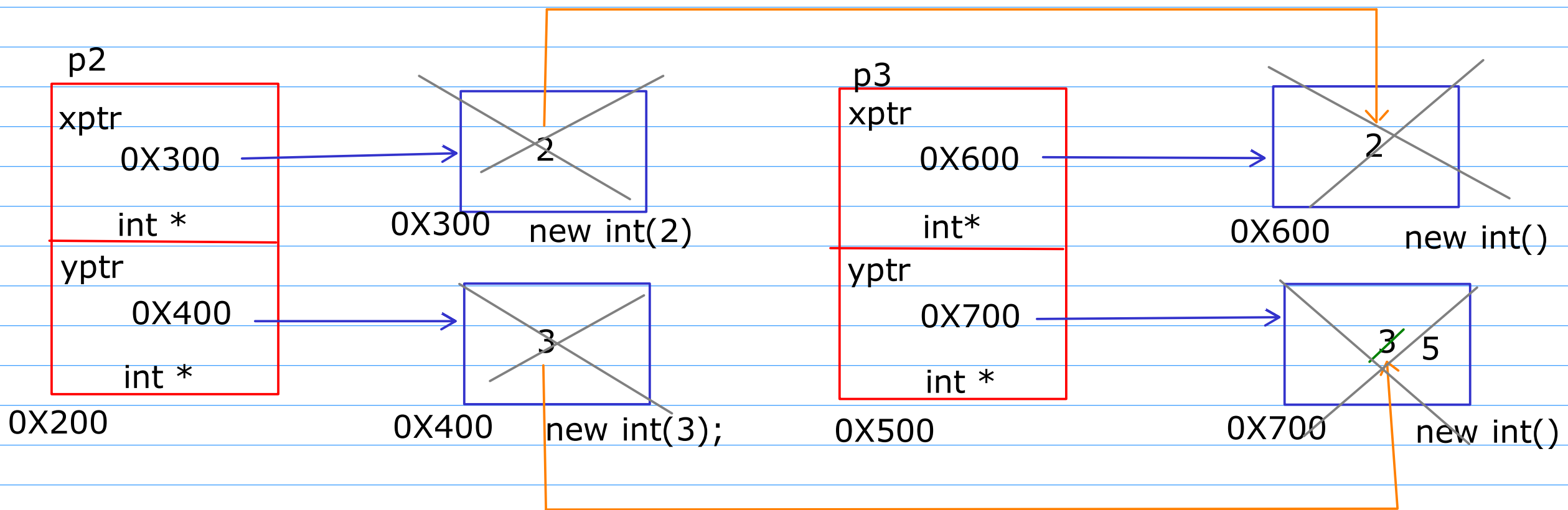
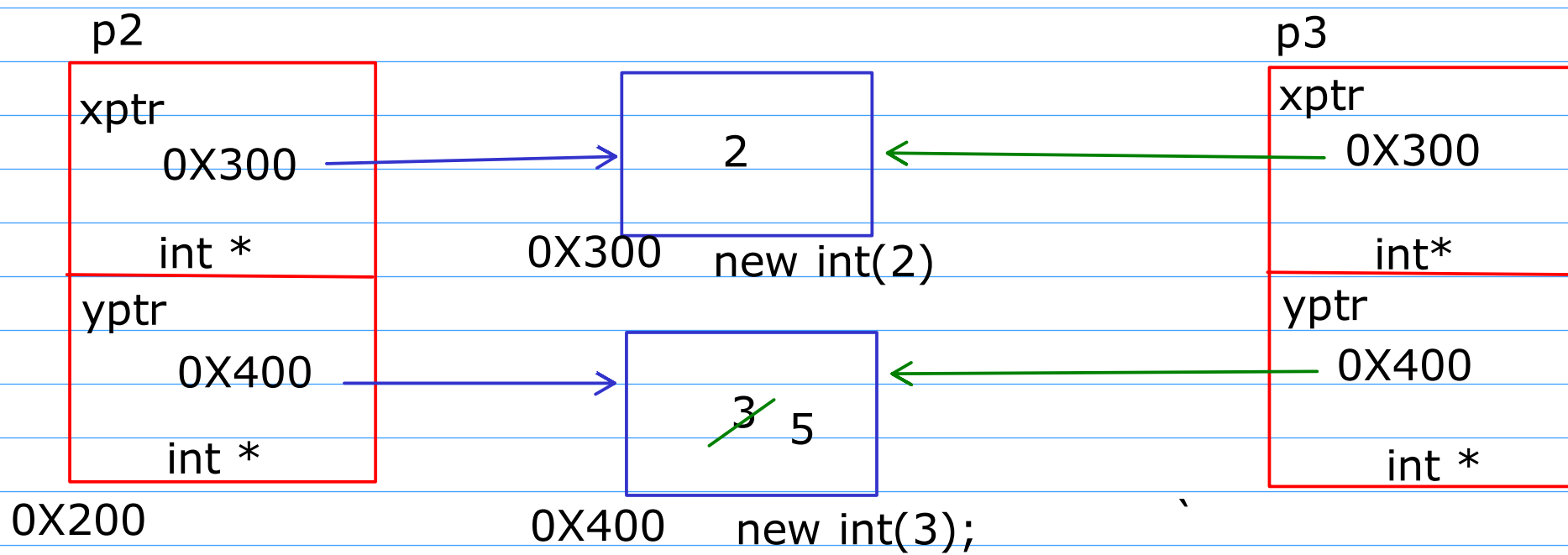
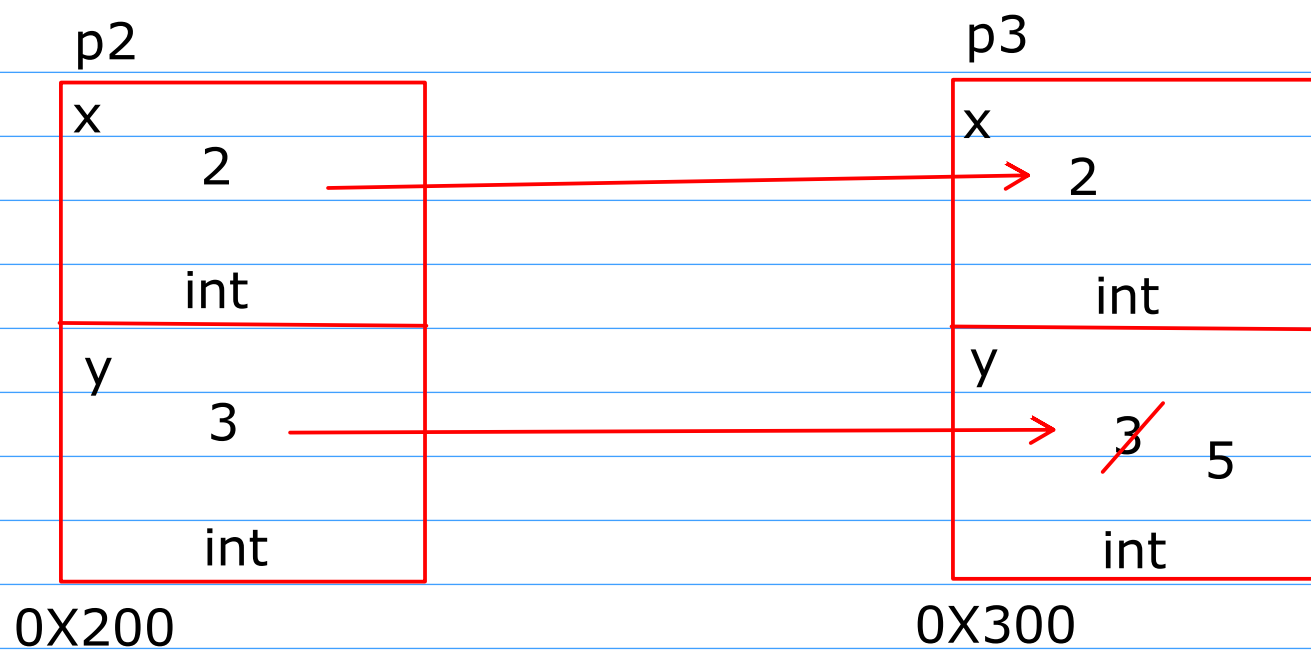
0X300

0X400

0X350

```
emp_list.erase(v1.begin()+1);
```

```
delete emp_list[index];  
emp_list.erase(v1.begin()+index);
```



Deep Copy
Copy Ctor

When the class consists of pointer type of data members and copy of object needs to be created we should be defining our own copy ctor

HR

Trainer

id,name,salary,
noofLeaves

```
class Employee{  
int id;  
String name;  
double salary;  
int noofleaves;  
  
}
```