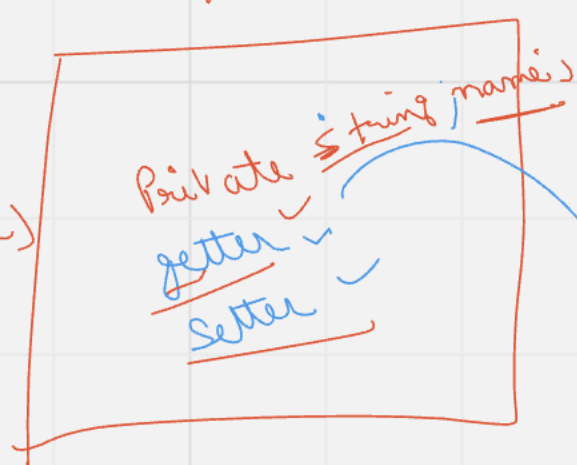
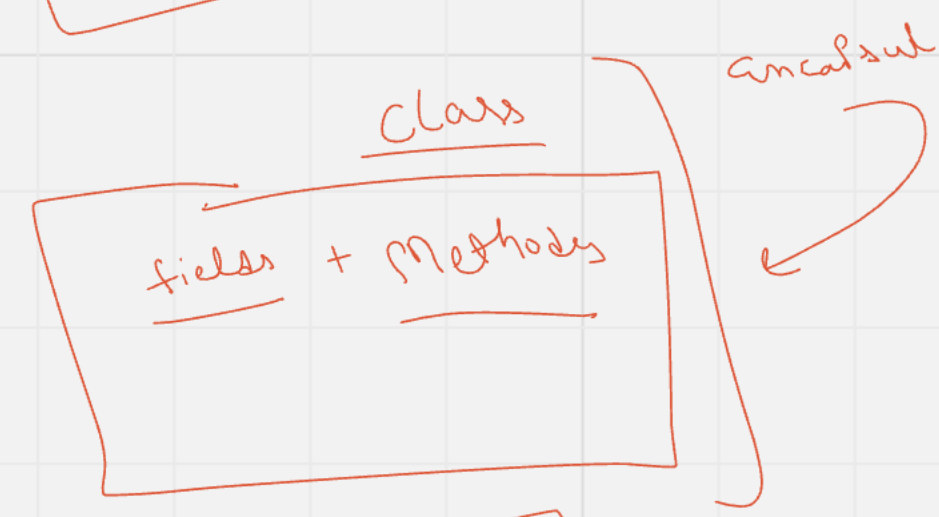
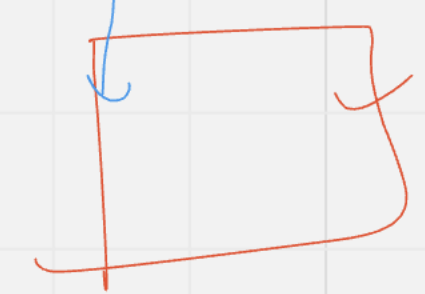


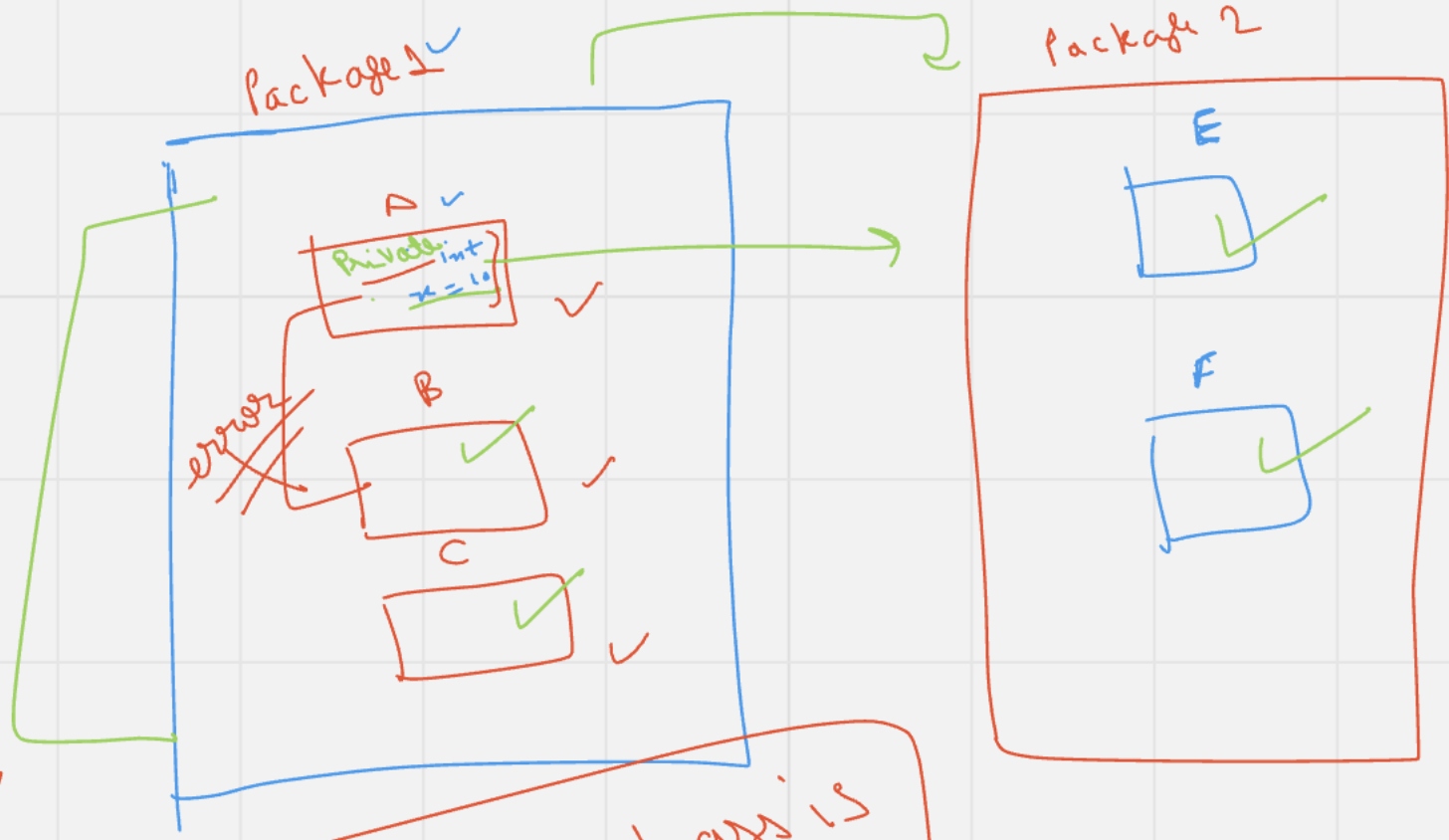
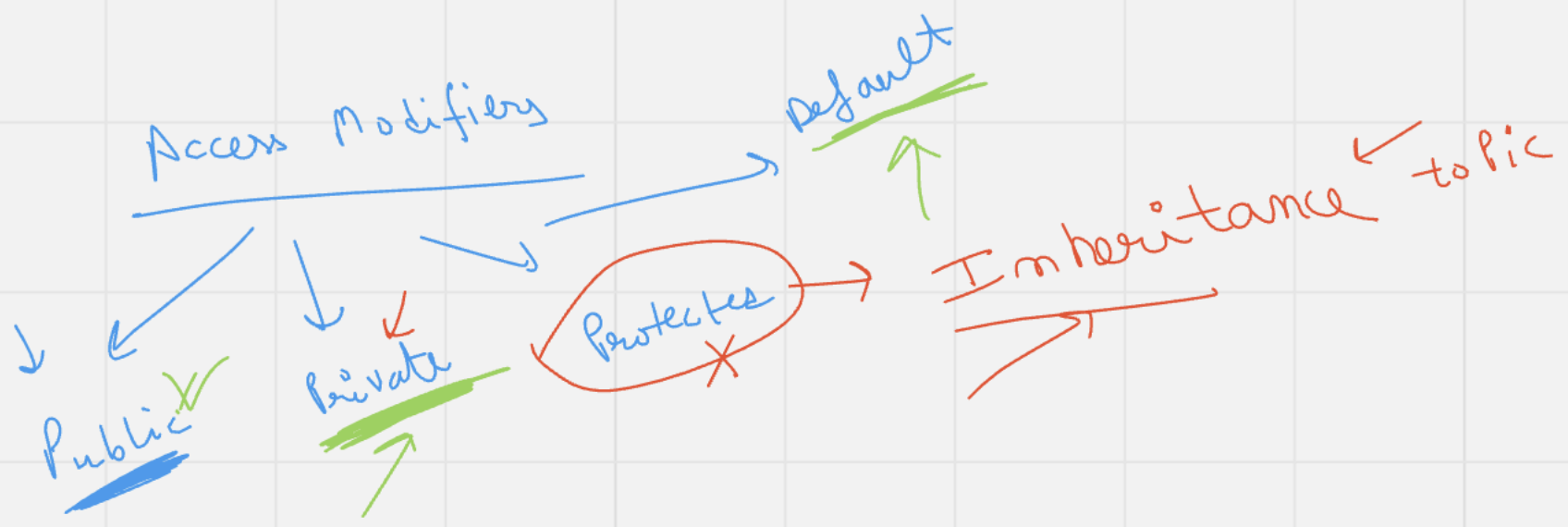
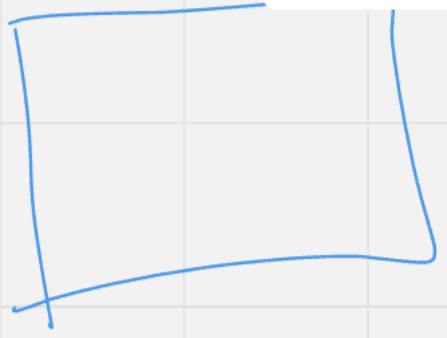
Public void setName (String name)
{
 this.name = name;
}



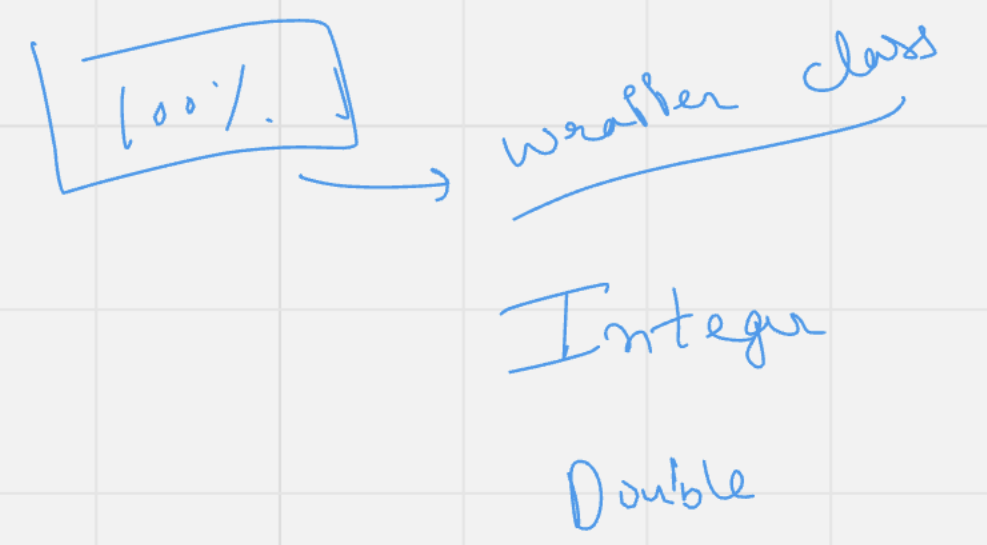
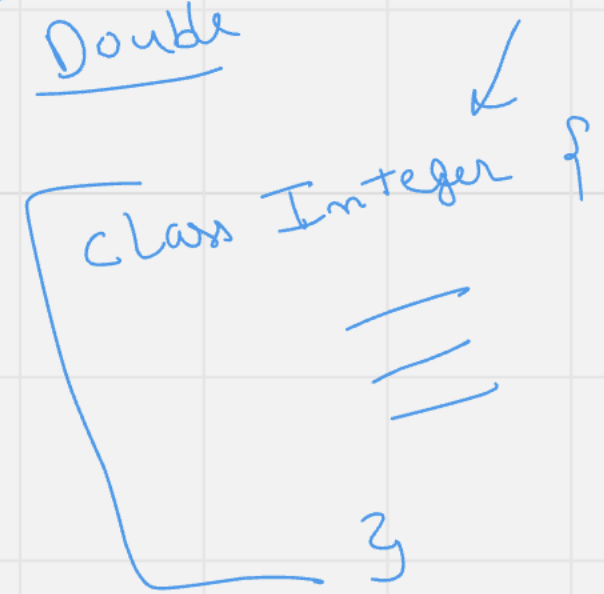
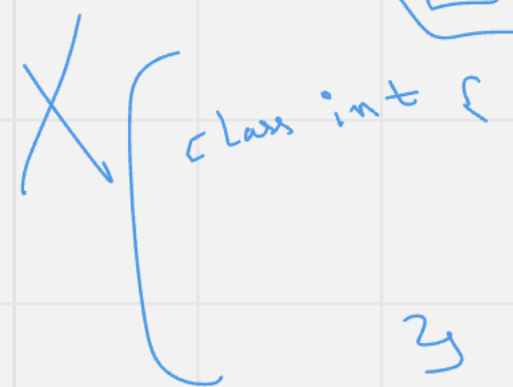
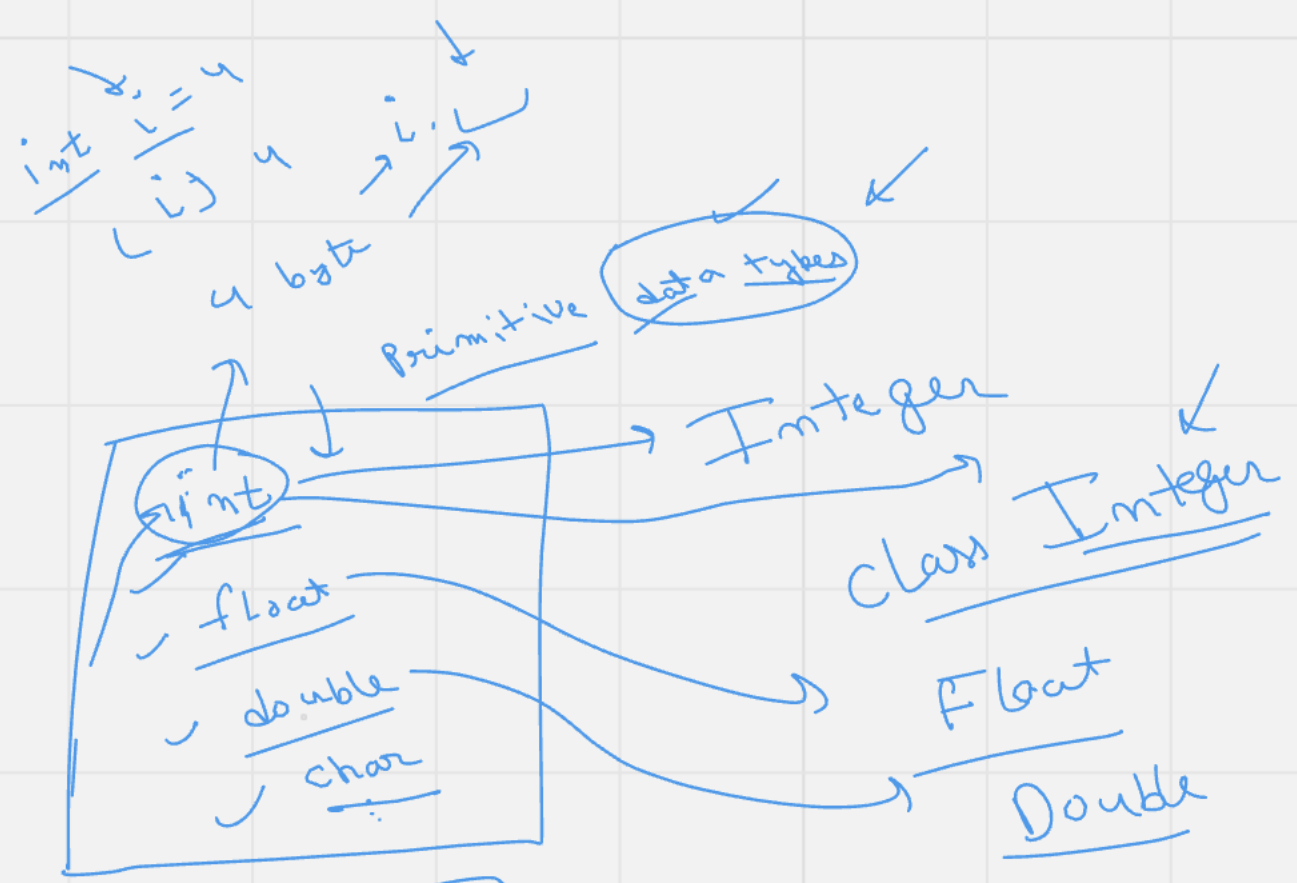
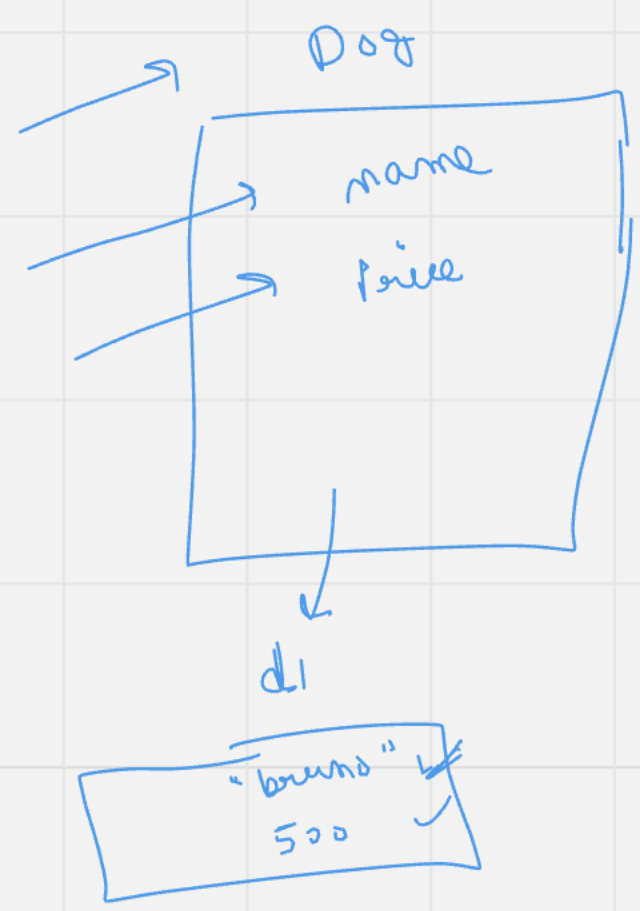
Public String getName()
{
 return this.name;
}



encapsul
↙

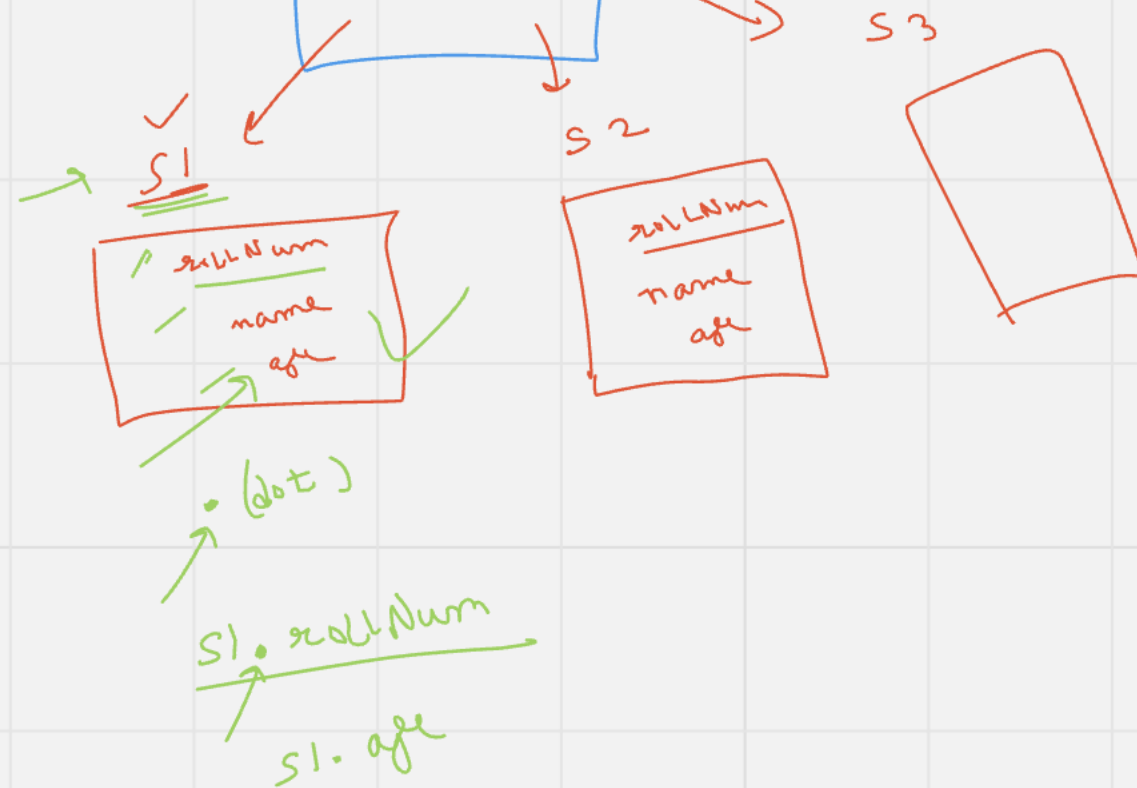


★ why Only 1 class is Public ? ?



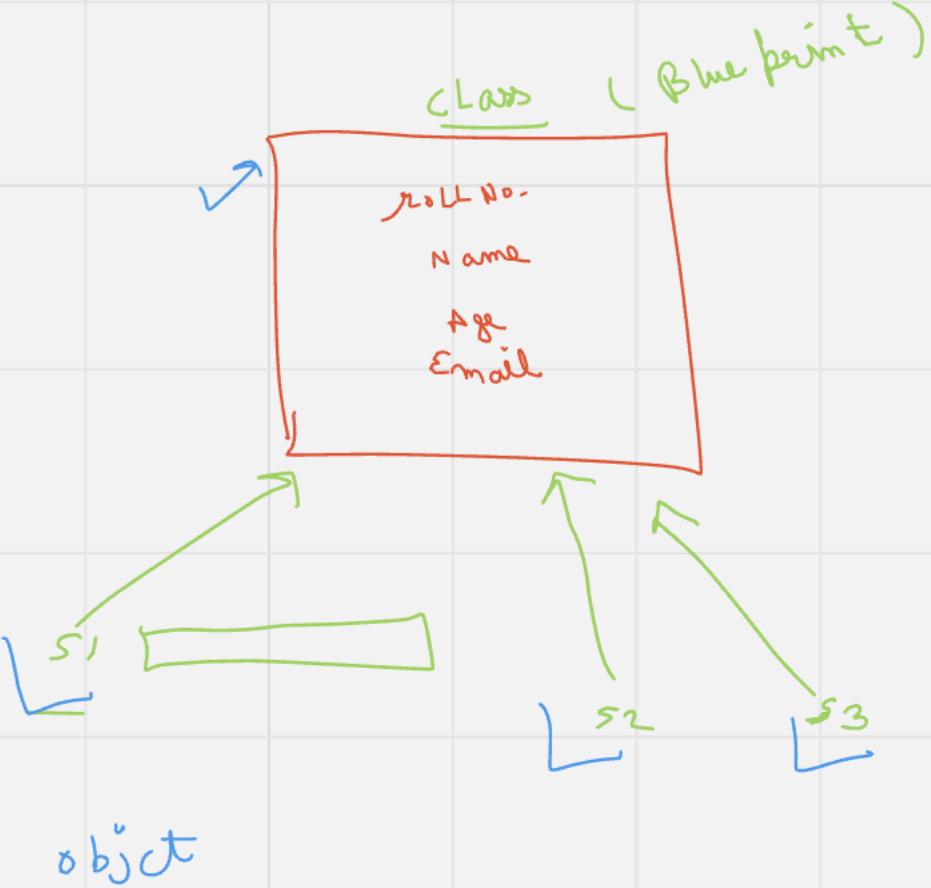
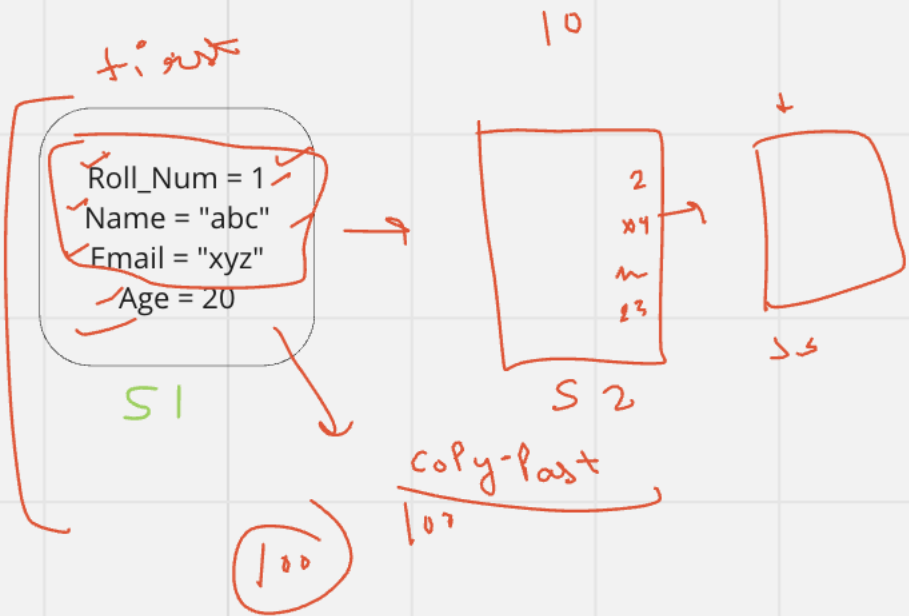


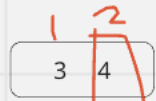
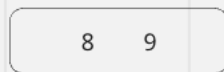
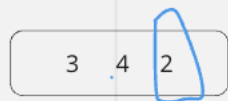
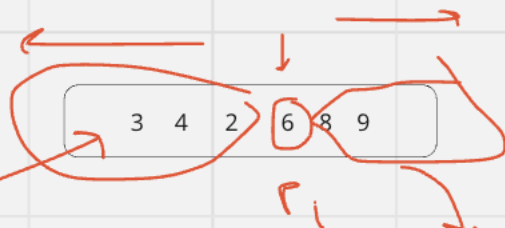
```
class Student {  
    int rollNum;  
    String name;  
    int age;  
}
```



```
int a() = new int(10);  
Student s1 = new Student();
```

OOPS





TC: $N \log(N)$ \rightarrow Merge Sort

QuickSort:

TC: $N \log(N)$

worstcase: (N^2) {when array is already sorted}

