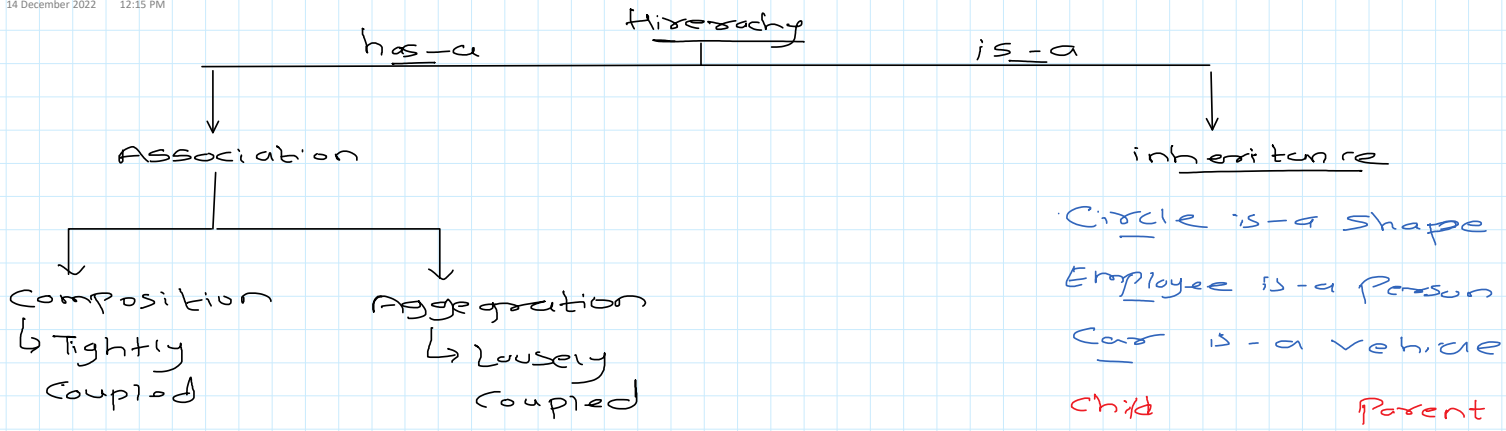


```
Point operator + (Point &ref )  
int Sum (int num1, int num2)  
{  
    Point temp  
    int result;  
    result = num1 + num2;  
    return result;  
    temp  
}
```



Dependent

Dependency

Human has-a heart
tightly coupled
Composition ?
Association

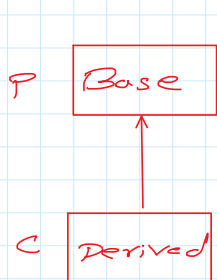
~~Human is-a heart~~

Room has-a window
loosely coupled
Aggregation Association

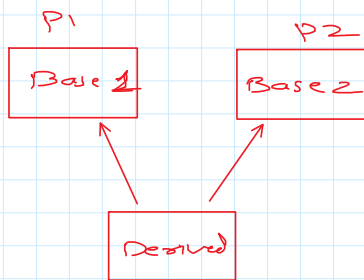
~~Room is-a window~~

Types of inheritance

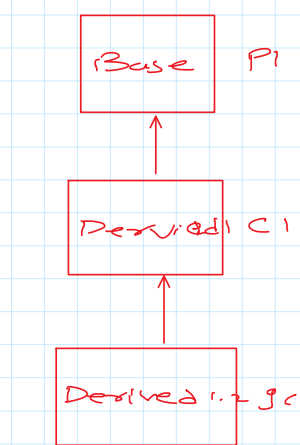
14 December 2022 01:05 PM



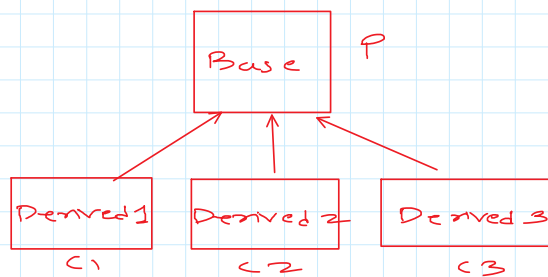
Single Inheritance



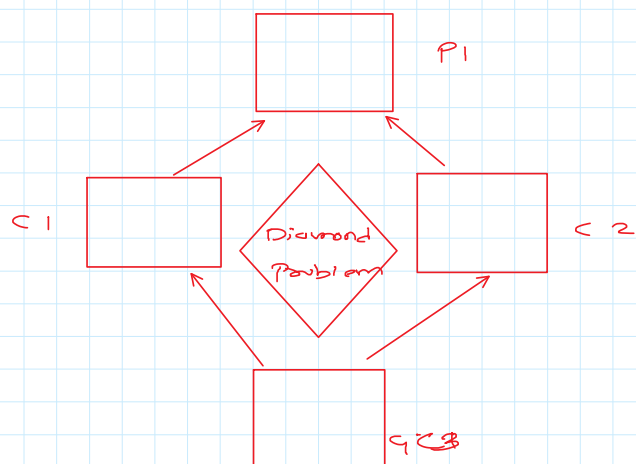
multiple Inheritance



multilevel inheritance



Hierarchical Inheritance



multiple + hierarchical



Hybrid Inheritance



Diamond Problem