

Quiz #3

Aggregation:

Let there is class A and class B.
then aggregation can be defined as:
If B is optional member of class A
then it is said to be aggregation.

Composition:

Let there is class A and class B
then composition can be defined
as: If B is ofcourse member of
class A then it is said to be a
composition.

Association:

If there is class A and class B
and both are considered independent
then this is called association.

ExamplesExample of Composition:

```
class B {
private:
    int c, d;
public:
    B(int c, int d);
    ~B();
};
```

```
class A {
private:
    int m; int l; int u;
public:
    A(int m, int l, int u);
    ? B(int n, int l);
```


Example of Aggregation:

```
class Apple {
    private:
        int age;
        int c;
}
```

```
class Ball {
private:
    public:
        A obj Ball ();
```

```
    char type;
    Apple A* obj;
}
```

Example of

```
class A {
    private:
        int m;
    public:
        A (int m);
        ~A();
}
```

where is
relation?

```
class B {
    private:
        int u;
    public:
        B (int u);
        ~B();
}
```