Q1

1. We can solve this problem by using Virtual Inheritance.

We will write

**class Fish : virtual public Creature**

**{**

**Fish (int age):Creature(age){}**

**};**

**class Woman : virtual public Creature**

**{**

**Woman (int age):Creature(age){}**

**};**

Instead of

**class Fish : public Creature**

**{**

**Fish (int age):Creature(age){}**

**};**

**class Woman : public Creature**

**{**

**Woman (int age):Creature(age){}**

**};**

The compiler will behave intelligently and does not just copy paste the data members rather adopt some precautions.

b)

The third argument in constructor after : should be the Base Class Constructor

Mermaid::Mermaid(int a, string t, string l, bool goe)

: Fish(a, t), Woman(a, l), Creature(a)

{

goodOrEvil=goe;

}