1.What variable would you add to the hockey team class and to the baseball team class to associate each with the sports association?

Answer: I think the variable which can be added to all these three classes is the number of teams but according to the need all variables are added in three different classes.

2.If you have a choice, which is better - inheritance or composition?

Answer. I will choose composition because it allows the creation of complex types by combining objects of other types instead of inheriting them from a base or a parent class.

3.Why is inheritance, if taken to an extreme, considered unreliable?

Answer: This is because multiple inheritance cause complications where different superclass conflict.It needs the problem to be organised in a simple tree hierarchy. So when taken to extreme, it is often leading to complex results.