**SWE 619 Quiz Number 12   
May 6, 2019**

Name:

1. Here’s a simple inherited class, convert it into a composite class:

public class Whale extends Mammal {

private string oceanRange;

…

public string ToString(){

String s = super.ToString();

s = s + this. oceanRange;

return s;

}

}

**Answer: There are more way to re-architect to remove inheritance. You were asked to convert the above into a composite class.**

public class Whale {

private string oceanRange;

private Mammal mammal;

…

public string ToString(){

String s = this.mammal.ToString();

s = s + this. oceanRange;

return s;

}

True/False: Circle the correct answer.

**Answer: All False**

1. It’s a good Agile software engineering practice to invite business stakeholders and business management leads to Agile daily stand up meetings and encourage lengthy discourse over cost overruns.
   1. True/False
2. Refactoring code later to meet changing needs/understanding is to be avoided at all costs. You should make sure all the business requirements are solidified before you start designing a technical solution.
   1. True/False
3. Saying NO to peers, supervisors and business stakeholders should be avoided at all costs. Be a YES person all the time, even if you are in the middle of a perceived Death March project. It’s more important to be well liked.
   1. True/False
4. All software engineering teams produce the same results. It’s just a matter of finding the right talent at the appropriate levels. For example, a team of 5 Software Engineers (2 level 1, 2 level 3 and 1 level 5) resources can always be managed the same. The human factor of a team is completely irrelevant in predicting and managing success.
   1. True/False