- 5. [16 pt] Consider if the coding phase for a project takes twice as long to complete as planned. Explain the implication of this situation for the following life cycles.
 - (a) Incremental Model
 - (b) Waterfall Model
 - (c) Spiral Model
 - (d) Recursive Parallel
- 6. [18 pt] Determine the behavioral model for the following class *Input* representing the input for a calculator. The methods are:

PutDigit (int digit)	The user hit '0' - '9'
PutDecimal ()	The user hit the '.' button
PutEE ()	The user hit the 'EE' button
Clear ()	Reset the value

This class also has a method GetValue() that returns the value entered by the user. For example, to create the value 6.23×10^{23} , the user presses 6 . 2 3 EE 2 3.

7.	[0 pt] Dilbert Cartoon
8.	[10 pt] (a)What is the impact of cohesion on maintenance?
	(b) What is the impact of cohesion on reuse?
9.	[4 pt] What is the definition of a successful test case?
10.	[8 pt] Are object-oriented programs easier to test using Bottom-Up testing or Top-Down testing? Explain Why.