Solutions for PART-1 Graded Assignment-2

1. Case-3 => Θ(f(n))   
   Answer : Θ(n)
2. f(n) is negative.  
   Answer : NA
3. f(n) is not a polynomial  
   Answer : NA
4. case-2 => Θ(ncLog n)  
   Answer : Θ(n Log n)
5. case-3 => Θ(f(n))  
   Answer : Θ(n2)