1. Aptitude questions including one in which you have to mimic the behaviour of Wildcard characters: For example, write a function to examine whether a specific word fits into the behaviour of either \* or \_ wild card (where \* is replacing one character and \_ is replacing a series of characters).
   1. P\*p … Pup, Pip, pop, pep
   2. P\_P … Pup, Pip, pop, pep, pump, pomp, Pepp
   3. Split()
2. To ascertain if a number is a Happy Number e.g. The sum of all digits equals 1 e.g. 19 … 1+9 … 10 … 1+0 …1!!!
3. Recursive Fibonacci
   1. 2,3
   2. Sum = 2+3, firstValue = 2, lastValue = 3;
   3. Sum = lastValue + Sum, firstValue = lastValue, lastValue = Sum
4. Recursive Entropy
5. To find out if a number is divisible by another WITHOUT the use of / or % operators
6. Give an example of
   1. Inheritance
   2. Encapsulation
   3. Interface v Abstract Class
   4. Polymorphism (BOTH forms)
7. Another aptitude question I was asked was to provide the workings of a Minesweeper algorithm, which I will write out and give to ye. I'd 4 days to do it.