S.No.	Question:	Date Given:	Solution File Name:
1.	If we list all the natural numbers below 10 that are multiples of 3 or 5, we get 3, 5, 6 and 9. The sum of these multiples is 23. Find the sum of all the multiples of 3 or 5 below 1000.	7th Oct 2015	sumofmultiples.java
2.	Each new term in the Fibonacci sequence is generated by adding the previous two terms. By starting with 1 and 2, the first 10 terms will be: 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, ... By considering the terms in the Fibonacci sequence whose values do not exceed four million, find the sum of the even-valued terms.	7th Oct 2015	evenfibonacci.java
3.	The prime factors of 13195 are 5, 7, 13 and 29.What is the largest prime factor of the number 600851475143?	8th Oct 2015	greatestprimefactor.java
4.	What is the difference between 'git push', 'git commit' and 'git pull'?	8th Oct 2015	
5.	Write a code to implement (selection, insertion, bubble) sorts and (linear, binary) searches	9th Oct 2015	MyArray.java
6.	A palindromic number reads the same both ways. The largest palindrome made from the product of two 2-digit numbers is 9009 = 91 × 99. Find the largest palindrome made from the product of two 3-digit numbers.	13th Oct 2015	largestpalindrome.java
7.	2520 is the smallest number that can be divided by each of the numbers from 1 to 10 without any remainder. What is the smallest positive number that is evenly divisible by all of the numbers from 1 to 20?	20th Oct 2015	smallestnumber.java
8.	What is a linked list? How is linked list stored in memory? How is array stored in memory?	20th Oct 2015	
9.	Take two strings as input and check if they are Anagrams. E.g. Of Anagram strings: 'mary' and 'army'.	20th Oct 2015	anagrams.java
10.	Write a program that prints the numbers from 1 to 100. But for multiples of three print "Fizz" instead of the number and for the multiples of five prints "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".	29th Oct 2015	fizzbuzz.java