**Class-05**

**Problem-18:** Find Greatest Common Divisor (GCD) of two elements.

**Problem-19:** Find Greatest Common Divisor of an array.

**Problem-20:** Find Least Common Multiple of two elements.

**Problem-21:** Find Least Common Multiple of an array.

**Problem-22:** You are given a number consists of **n** digits. Find whether the number is Odd or Even (.

* As this number cannot be taken into number. So, this number has to be taken as string. And if last digit of string is even then whole number is even otherwise off.

**Problem-23:** You are given a number consists of **n** digits. Find whether the number is multiple of **3** or not.

* As this is a very big number this will not if into even in long long range. So, this number has to be taken also in string. And if summation of every digit in string is divisible by **3** then whole number is divisible by **3**.

**Problem-24:** You are given a number consists of **n** digits. Find whether this is a multiple of **m** or not. This question can be in another form.

* You are given a number consists of **n** digits. Find whether this number is divisible by **m** or not.
* You are given a number consists of **n** digits. Find whether **GCD(that number, m)=m** or not. Where GCD stands for Greatest Common Divisor.
* You are given a number consists of **n** digits. Find whether **m** is divisor of that number or not.
* You are given a number consists of **n** digits. Find whether **LCM(that number, m)=that number** or not. Where LCM stands for least Common Multiple.
* You are given a number consists of **n** digits. Find whether some integer\***m** is equal to that number or not.
* You are given a bread of length **n**. Find whether this bread can stripped into several parts of equal size **m** or not.
* This problem cannot be solved by variable because it can contain more than 1000 digits. So, this problem has to be solved using string.