**Looping Techniques**

1. Read a No and check prime or not.

prime no - a no which is divisible by 1 & itself only.

```
read n;
// Wrong Logic
if(n%1==0 && n%n==0)
{
        print prime
}
else
{
        print not prime
}
```

A no which is divisible by 1 & itself only means not divisible by any other nos than 1 & itself

```
// Correct Logic
read n ;
// Set a loop from 2 to n-1
for(i=2;i<n;i++)
{
}
```

2. Generate a Fibbonoci series for n terms

- Addition of previous two terms is equal to current term

0 1 1 2 3 5 8 13...


3. Read a no to check armstrong or not

Armstrong no - sum of cube of all the digits is equal to a no

153 - 1^3+5^3+3^3 - 1 + 125 +27


4. Read a Four digit no to print it using alphabate

i.p 1234

o.p One Two Three Four