

## ALGORITHMS

### 1. ODD OR EVEN

Steps :-

- 1.Start
- 2.Display enter number
- 3.Read input
- 4.Input/2=0
- 5.Then it is even
- 6.Else it is odd
- 7.Stop

### 2. LEAP YEAR OR NOT

Steps :-

- 1.Start
- 2.Read year
- 3.Implement if else
- 4.Year%400=0
- 6.Then it is leap year
- 7.Else it is not
- 8.Stop

### 3. FACTORIAL

Steps :-

- 1.Start
- 2.Use loop
- 3.i=1;i<=a;i++
- 4.fact=fact\*i
- 5.echo fact
- 6.Stop

### 4. SWAP TWO NUMBERS

Steps :-

- 1.Start
- 2.Read two numbers
- 3.1st no=\$a
- 4.2nd no=\$b
- 5.Swap
  - temp=\$b
  - b=\$a
  - a=\$temp
- 6.Echo after swapping
- 7.Echo \$a & \$b
- 8.Stop

### 5. CALCULATOR

Steps :-

- 1.Start
- 2.Read two numbers
- 3.Input choice
- 4.Trigger choice
- 5.switch
  - i.a+b
  - ii.a-b
  - iii.a\*b
  - iv.a/b
- 6.Display result
- 7.Stop