* Mr.Ramesh taken fruits for his kids. Rather than eating, kids started playing with fruits by counting them . Let us help the kids by counting the total number of fruits

**sample:OutPut: 7 and 23=30**

* Calculate the Cost of each fruit given by Mr.Ramesh

10\*50=500 Apple

5\*100=500 orange

* Design a Flowchart using Assignment operator.

Y = X^3 + 2X^2 + 9X + 6, Z = Y^2 + 7Y + 8, X = 24, Z = ?

### Examples

* Design a Flowchart to check whether a given number is an even or odd number.
  + Step 1: Start
  + Step 2: Give an Input to read the variable “number” using INPUT statement.
  + Step 3: Now SELECTION statement is used to check given number is even or odd
  + Step 4: Print result using OUTPUT statement.
  + Step 5: End
* Determine if a given year is a Leap Year or not

Logic

Year %400==0 || (Year%4==0)&& year%100!=0

* Design a flowchart to test Divisibility with 2 and 3 but not with 4

Logic

(x%2==0)&&(x%3==0)&&(x%4!=0)

* Given an int n, return True if it is within Note: abs(num) computes the absolute value of a number.10 of 100 or 200.
  + near\_hundred(93) → True
  + near\_hundred(89) → False

Logic

* + Num<=110 && num>=90 || n>=190 && num && num<=210

### TASK

* Design a flowchart to check whether the person is Eligible to vote or Not Eligible.
* Design a flowchart to check Prime number or not
* Engineering Universities conducting admissions. Students are eligible based on the following criteria.
  + Marks in Maths >= 65
  + Marks in Physics >= 60
  + Marks in Chemistry >= 55
* Given 2 int values, return True if one is negative and one is positive. Except if the third parameter is True, then return True only if both are negative.
  + pos\_neg(1, -1, False) → True
  + pos\_neg(-1, 1, False) → True
  + pos\_neg(-4, -5, True) → True
* Design a flowchart to print first 10 numbers in Raptor.
* Design a flowchart to print first 10 numbers in Reverse order.
* Design a flowchart to print all numbers between 1000 and 1500 divisible by 19.
* Generate all Leap Years from last 50 Years
* Design a flowchart to print Natural numbers from 1 to N
* Design a flowchart to print 10 numbers in reverse order
* Design a flowchart to print Sum of N numbers between 50 to 70 and Calculate Average
* Design a flowchart to Calculate Product of N numbers
* Design a flowchart to check whether the given number is Palindrome or not
* Design a flowchart to check whether the given 4 digit number is Armstron or not