**FLOWCHART**

1. Start ( Oval )
2. Declare double num1 , num2 , result ; char operator ; ( Rectangle )
3. Printf(“Enter your first number”) ; ( Parallelogram )
4. Is num1 a valid number ? ; ( Diamond )

* Printf(“Error !,Invalid Number “) ; (Paralellogram )

1. printf(“Enter Your Operator ( + , - , / , \*)”) ; ( Paralellogram )
2. is operator valid ? ; ( Paralellogram )

* printf(“Error! , Invalid Operator ”) ; ( Paralellogram )

1. printf(“Enter Your Second Number “) ; ( Paralellogram )
2. is num2 a valid number ? ; ( Diamond )

* prinft(“Error ! Invalid Number”) ;

1. Which Operator ? ( Diamond )

* If (‘+’) ; result = num1 + num2 ; ( Rectangle) printf(result) ; ( Paralellogram )
* Other operator same condition ( - , \* )
* If (‘/’) is num2 != 0 ( Diamond ) ; result = num1 + num2 ; ( Rectangle) printf(result) ; ( Paralellogram ) ; Printf( “ Diivision By Zero Not Allowed ) ( Paralellogram )

1. End : ( Oval )