

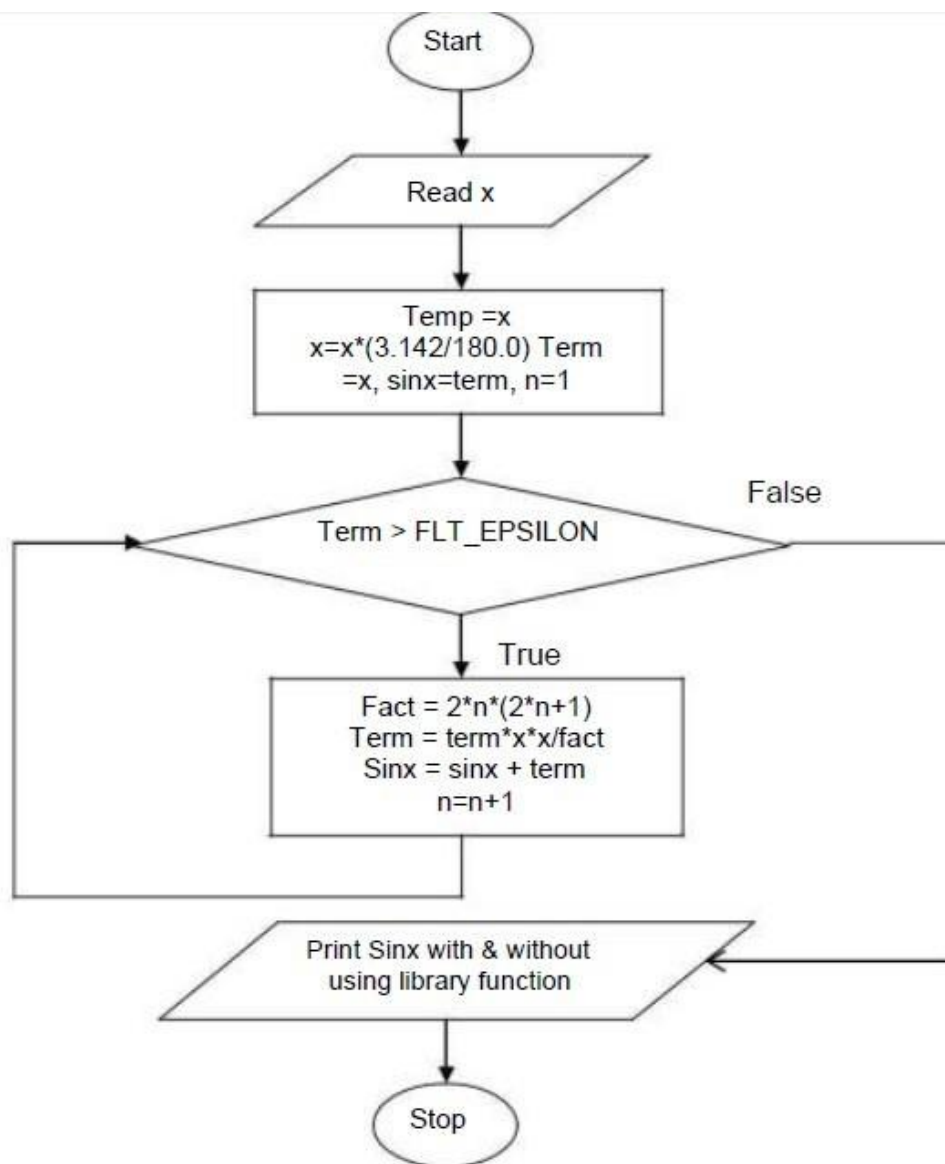
| | |
|------------------|-------------------|
| Ex.No: 1c | SIN SERIES |
| Date : | |

AIM:

To develop a flowchart to calculate sin series.

ALGORITHM:

1. Start the program.
2. Read the input value.
3. Calculate the TEMP value using the formula $x = x * (3.142/80.0)$.
4. Then the x value is stored in TERM.
5. If the TERM value is greater than epsilon, then we need to calculate the following terms with the formula. $Fact = 2 * n * (2 * n + 1)$
 $Term = term * x * x / fact$
 $Sinx = sinx + term$
 $n = n + 1$
6. Otherwise, it prints sinx value.
7. Stop the program.



RESULT:

Thus the flowchart to calculate sin series is developed.