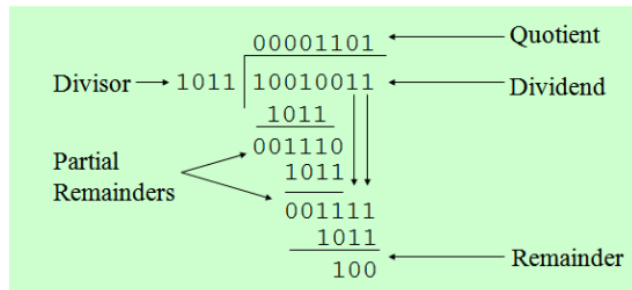


Experiment-7

Aim: Write a program to implement division of two unsigned numbers using Restoring algorithm.

THEORY: The division operation consists of a series of subtractions of the divisor from the partial remainder, which are only executed if the divisor is smaller than the partial remainder, when the digit of the quotient is 1; otherwise, the corresponding digit of the quotient is 0. Consider the division of two numbers: 147 / 11

Procedure:



CONCLUSION: Implementation of multiplication using restoring Algorithm was performed successfully and output obtained