```c
//*************************************************
//Program for implementation of Modified Newton-Raphson Method
//Coded by Ashwini K. Singh on 01-Feb-2021
//*************************************************

#include<stdio.h>    // Inclusion of the input-output header file
#include<math.h>     // Inclusion of the math header file

//********EVALUATION OF THE FUNCTION
float f(float x)
{
    return ((x*x*x)-x-1);
}
//********END OF FUNCTION f


//*************STARTING MAIN FUNCTION*********
int main(void)
{
    int i, N;                              //Variable declaration
    float h, x0, x1, e, df;                //Variable declaration

    FILE *input, *output;
    input=fopen("inModifiedNewtonRaphson.txt","r");
    output=fopen("outModifiedNewtonRaphson.tsv","w");

    // Reading inputs from the input file
    fscanf(input,"%f,%f,%d", &x0, &e, &N);

    // Displaying inputs read from the input file on the console
    printf("\nValues of x0, allowed error and maximum iterations read from
'inModifiedNewtonRaphson.txt' are: %f, %f, %d\n",x0,e,N);
    // Writing the column-headers in the output file
    fprintf(output,"Iteration\tx0\tx1\n");

    //Calculation of df(x0)
    df=(3*x0*x0)-1;
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37          for (i=1; i<=N; i++)
38          {
39              h=f(x0)/df;
40              x1=x0-h;
41              fprintf(output,"%3d\t%9.6f\t%9.6f\n", i, x0, x1);    // Writing the outputs in the
    output file
42              if (fabs(h) < e)
43              {
44                  printf("\nAfter %3d iterations, root = %8.6f\n", i, x1);    // Displaying the
    final output on console
45                  return 0;
46              }
47              x0=x1;
48          }
49      printf("\nThe required solution does not converge or iterations are insufficient\n");
50      return 1;
51  }
52  //*****************END OF MAIN FUNCTION**********
53
```