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#include<iostream>

#include<fstream>

#include<cstring>


using namespace std;

int main()
{
    int row,col;

    string ele1;

    fstream file_t;

    file_t.open("table.htm",ios::in);

    if(file_t)
    {
        file_t.close();

        remove("table.htm");
    }

    cout<<"For a table"<<endl;

    cout<<"Enter the number of columns:";

    cin>>col;

    cout<<"Enter the number of rows:";

    cin>>row;

    file_t.open("table.htm",ios::out | ios::app);

    if(file_t)
    {
        file_t<<"<!DOCTYPE html>\n";

        file_t<<"<html>\n";
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file_t<<"<head>\n";

file_t<<"<style>\n";

file_t<<"table {\n";

file_t<<" font-family: arial, sans-serif;\n";

file_t<<" border-collapse: collapse;\n";

file_t<<" width: 100%;\n";

file_t<<"}\n\n";

file_t<<"td, th {\n";

file_t<<" border: 1px solid #dddddd;\n";

file_t<<" text-align: left;\n";

file_t<<" padding: 8px;\n";

file_t<<"}\n\n";

file_t<<"tr:nth-child(even) {\n";

file_t<<" background-color: #dddddd;\n";

file_t<<"}\n";

file_t<<"</style>\n";

file_t<<"</head>\n";

file_t<<"<body>\n\n";

file_t<<"<h2>HTML Table</h2>\n\n";

file_t<<"<table>\n";

file_t<<" <tr>\n";

cin.ignore();

    for(int j=0; j<col; j++)

    {

        cout<<"Enter the name for column "<<j+1<<" :";

        getline(cin,ele1);

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        file_t<<" <th>"<<ele1<<"</th>\n";

    }
    file_t<<"</tr>\n";

    cout<<"Now, Give the entries of a table:"<<endl;
    for(int i=0; i<row; i++)
    {
        file_t<<" <tr>\n";
        for(int j=0; j<col; j++)
        {
            cout<<"For Row "<<i+1<<" Column "<<j+1<<" :";
            getline(cin,ele1);

            file_t<<" <td>"<<ele1<<"</td>\n";

        }
        file_t<<"</tr>\n";
    }
    file_t<<"</table>\n";
    file_t<<"</body>\n";
    file_t<<"</html>\n";
    file_t.close();
}

return 0;

}

```