

DEPARTMENT OF COMPUTER & INFORMATION SCIENCES

INTERNET APPLICATION DEVELOPMENT LAB 01

MUHAMMAD ALI QADRI

Table_Generator.cpp

```
#include<iostream>

#include<fstream>

#include<cstring>

using namespace std;

int main()
{
    int row, col;
    string ele1;
    fstream file_t;

    file_t.open("table.html", ios::in);
    if (file_t)
    {
        file_t.close();
        remove("table.html");
    }

    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.html", ios::out | ios::app);
    if (file_t)
    {
        file_t << "<!DOCTYPE html>\n";
        file_t << "<html>\n";
```

```

file_t << "<head>\n";
file_t << "<title>HTML Table</title>\n";
file_t << "</head>\n";
file_t << "<body>\n";
file_t << "<h2>HTML Table</h2>\n";
file_t << "<table width=\"100%\" border=\"1\" cellspacing=\"0\"
cellpadding=\"10\">\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);
    file_t << " <th align=\"center\" >" << ele1 << "</font></th>\n";
}
file_t << " </tr>\n";

cout << "Now, Give the entries of a table:" << endl;
for (int i = 0; i < row; i++)
{
    if(i % 2 == 0)
        file_t << " <tr>\n";
    else
        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 align=\"center\">" << ele1 << "</td>\n";
    }
}

```

```
    }  
    file_t << " </tr>\n";  
}  
  
file_t << "</table>\n";  
file_t << "</body>\n";  
file_t << "</html>\n";  
file_t.close();  
}  
  
return 0;  
}
```