Content 31

Program For Html Parser

#### Instructions:

You are given with an HTML code like, <h1> **This is a heading** </h1>.Your task is to parse the content written between the HTML tags.

char string[] = "<h1> this is a heading </h1>";

For this task, you have to create a void function parser, which will take a string as an argument and return the parsed content written in the HTML code. Following is the sample of input and output.

**Code:**

#include <stdio.h>

#include <string.h>

void rmv(char \*string)

{

    int in = 0;

    int index = 0;

    for (int i = 0; i < strlen(string); i++)

    {

        if (string[i] == '<')

        {

            in = 1;

            continue;

        }

        else if (string[i] == '>')

        {

            in = 0;

            continue;

        }

        if (in == 0)

        {

            string[index] = string[i];

            index++;

        }

    }      string[index] = '\0';

    // for removing starting Empty space

    while (string[0] == ' ')

    {

        for (int i = 0; i < strlen(string); i++)

        {

            string[i] = string[i + 1];

        }

    }

    // for removing Ending Empty space

    while (string[strlen(string) - 1] == ' ')

    {

        string[strlen(string) - 1] = '\0';

    }

}

int main()

{

    char string[] = "<h1>   The is the Heading    <h1>";

    rmv(string);

    printf("The parsed string is\n ~~%s~~", string);

    return 0;

}

**Output:**

The prased string is

~~The is the Heading~~