



Course: Internet programming laboratory

Course Code: CSE326

ONLINE ASSIGNMENT 3

Title:

“Blood donation project”

Submitted By:

1) Nikhil Kumar (Roll No: RK20QAA01)

Webpages:

(who can give blood)

(Refer a friend)

2) Abqari Abbas (Roll No: RK20QAA02)

Webpages:

(Register)

(why to donate blood)

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Webpages:

(Blood Donation front page)

(contact us)

Submitted To:

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Blood Donation

A **blood donation** occurs when a person voluntarily has blood drawn and used for transfusions and/or made into biopharmaceutical medications by a process called fractionation (separation of whole blood components). Donation may be of whole blood, or of specific components directly (apheresis). Blood banks often participate in the collection process as well as the procedures that follow it.

Today in the developed world, most blood donors are unpaid volunteers who donate blood for a community supply. In some countries, established supplies are limited and donors usually give blood when family or friends need a transfusion (directed donation). Many donors donate for several reasons, such as a form of charity, general awareness regarding the demand for blood, increased confidence in oneself, helping a personal friend/relative, and social pressure. Despite the many reasons that people donate, not enough potential donors actively donate. However, this is reversed during disasters when blood donations increase, often creating an excess supply that will have to be later discarded. However, in countries that allow paid donation some people are paid, and in some cases, there are incentives other than money such as paid off from work. People can also have blood drawn for their own future use (autologous donation). Donating is relatively safe, but some donors have bruising where the needle is inserted or may feel faint.

Potential donors are evaluated for anything that might make their blood unsafe to use. The screening includes testing for diseases that can be transmitted by a blood transfusion, including HIV and viral hepatitis. The donor must also answer questions about medical history and take a short physical examination to make sure the donation is not hazardous to his or her health. How often a donor can donate varies from days to months based on what component they donate and the laws of the country where the donation takes place. For example, in the United States, donors must wait eight weeks (56 days) between whole blood donations but only seven days between plateletpheresis donations and twice per seven-day period in plasmapheresis.

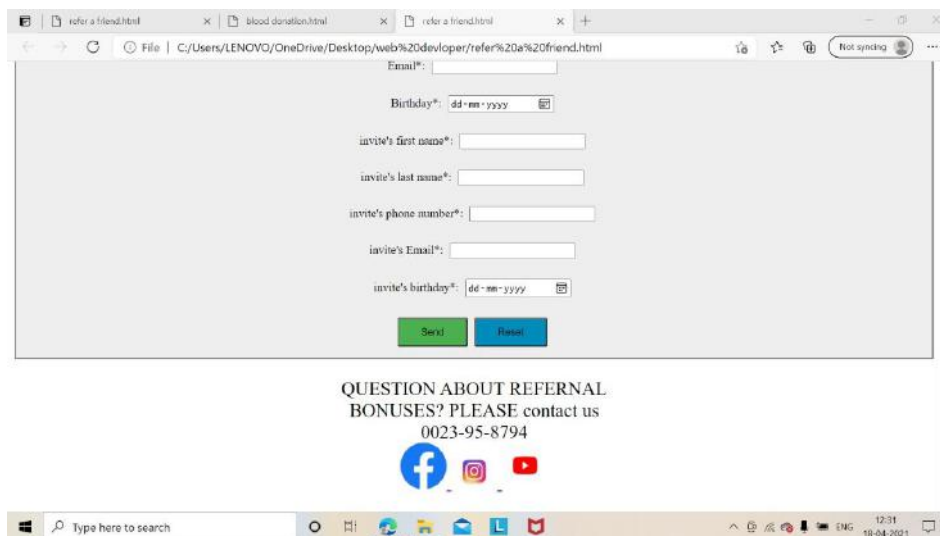
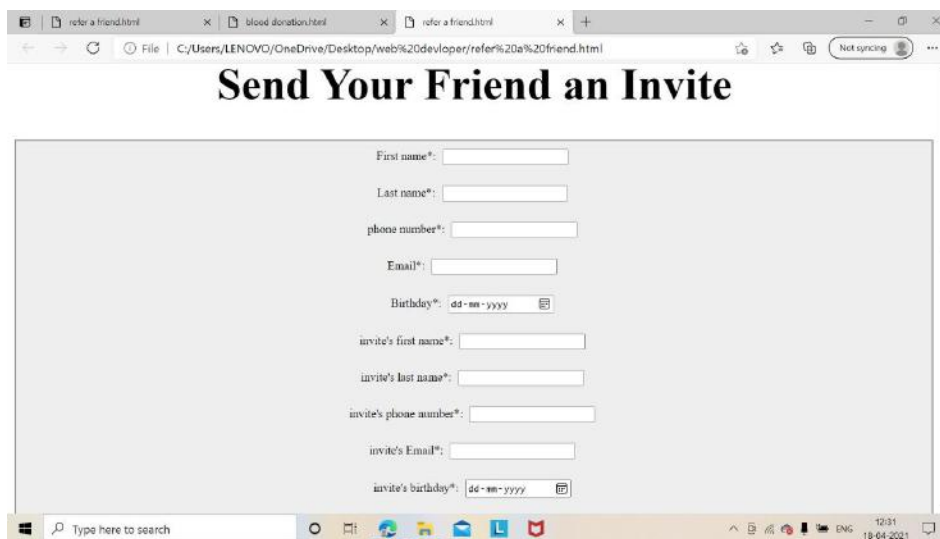
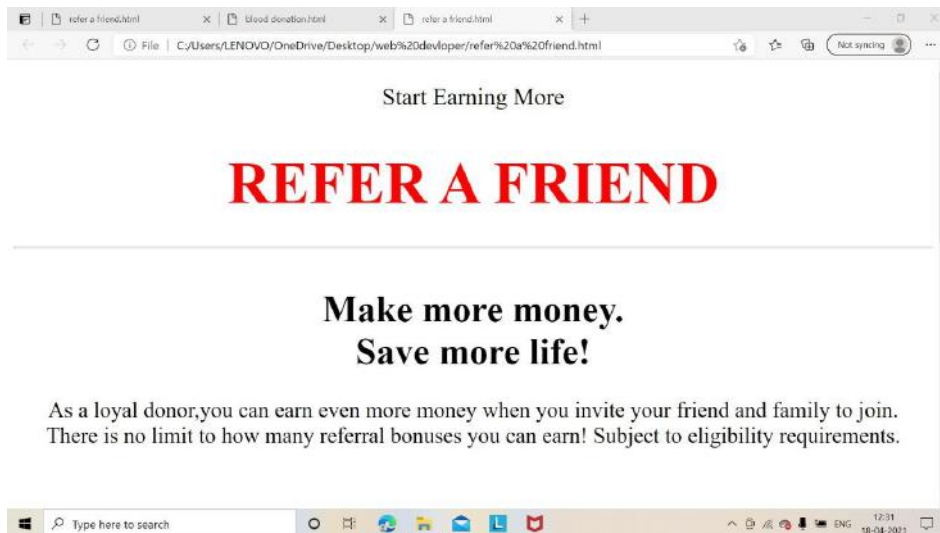
The amount of blood drawn and the methods vary. The collection can be done manually or with automated equipment that takes only specific components of the blood. Most of the components of blood used for transfusions have a short shelf life, and maintaining a constant supply is a persistent problem. This has led to some increased interest in autotransfusion, whereby a patient's blood is salvaged during surgery for continuous reinfusion—or alternatively, is "self-donated" prior to when it will be needed.

1) Nikhil Kumar

Refer a Friend (webpage)

In this webpage I have use the following types of tags in the HTML document:

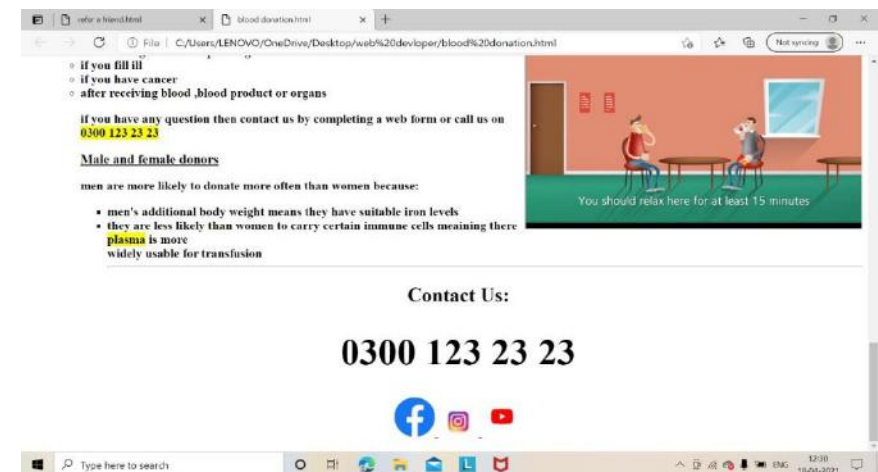
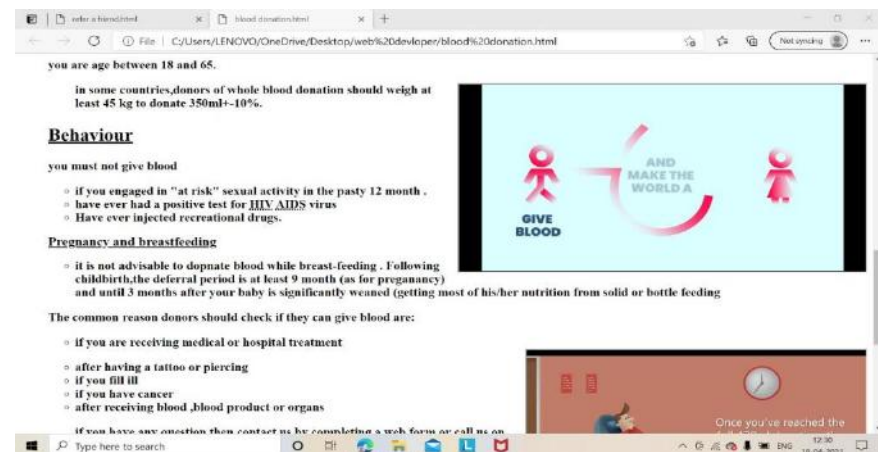
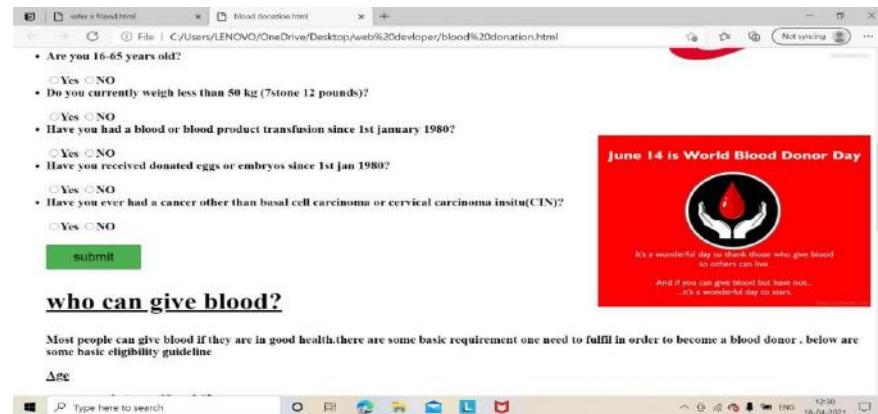
1. **<style> tag:** I have used this tag for define style information (CSS) for a document.
2. **<body> tag:** I have used this tag for defines the documents body for heading, paragraph, image, tables, hyperlinks.
3. **<p> tag:** I have used this tag for paragraph.
4. **<h1> tag:** I have used this tag to define the header of the webpage.
5. **<form> tag:** I have used this tag for create a refer a friend form and for use some elements such as <input>, <select>, <button>, <fieldset>, <label>.
6. **<fieldset> tag:** I have used this tag for create boxes around selected elements such as refer a friend form box.
7. **<legend> tag:** I have used this tag to define the caption for the <fieldset> element.
8. **<label> tag:** I have used this tag to specify a label for an <input> element of a form such as text, email, phone number.
9. **<input> tag:** I have used this tag to declare an input element and for allow the user to input data.
10. **
 tag:** I have used this tag for next line.
11. **<button> tag:** I have used this tag to create a clickable send button in webpage.
12. **<a> tag:** I have used this tag to make the clickable image present in the webpage such as Facebook, Instagram, YouTube.
13. **<hr> tag:** I have used this tag for separate content and specify the alignment of the horizontal rule below the refer a friend heading.



1)Nikhil Kumar

Who can give blood (Webpage)

1. **<h1> tag:** I have used this tag for heading who can give blood.
2. **<p> tag:** I have used this tag for define a paragraph for my webpage.
3. **
 tag:** I have used this tag for move to next line.
4. ** tag:** I have used this tag to define text with strong importance.
5. **<form> tag:** I have used this tag to create a checkbox and submit button.
6. ** tag:** I have used this tag to designate an unordered list.
7. **<a> tag:** I have used this tag to make the clickable images such as Facebook, Instagram, YouTube.
8. ** tag:** I have used this tag to represent an item in a list and list items are usually displayed in bullet points.
9. **<main> tag:** I have used this tag to specifies the main content of a document.
- 10.**<iframe> tag:** I have used this tag for insert YouTube video in my webpage.
- 11.**<mark> tag:** I have used this tag for highlighting some text in my webpage and it will appear in yellow colour.
- 12.**<abbr> tag:** I have used this tag for abbreviation or an acronym because I wrote some short form meaning in my webpage and when the mouse is moved on it, its full form will be seen.

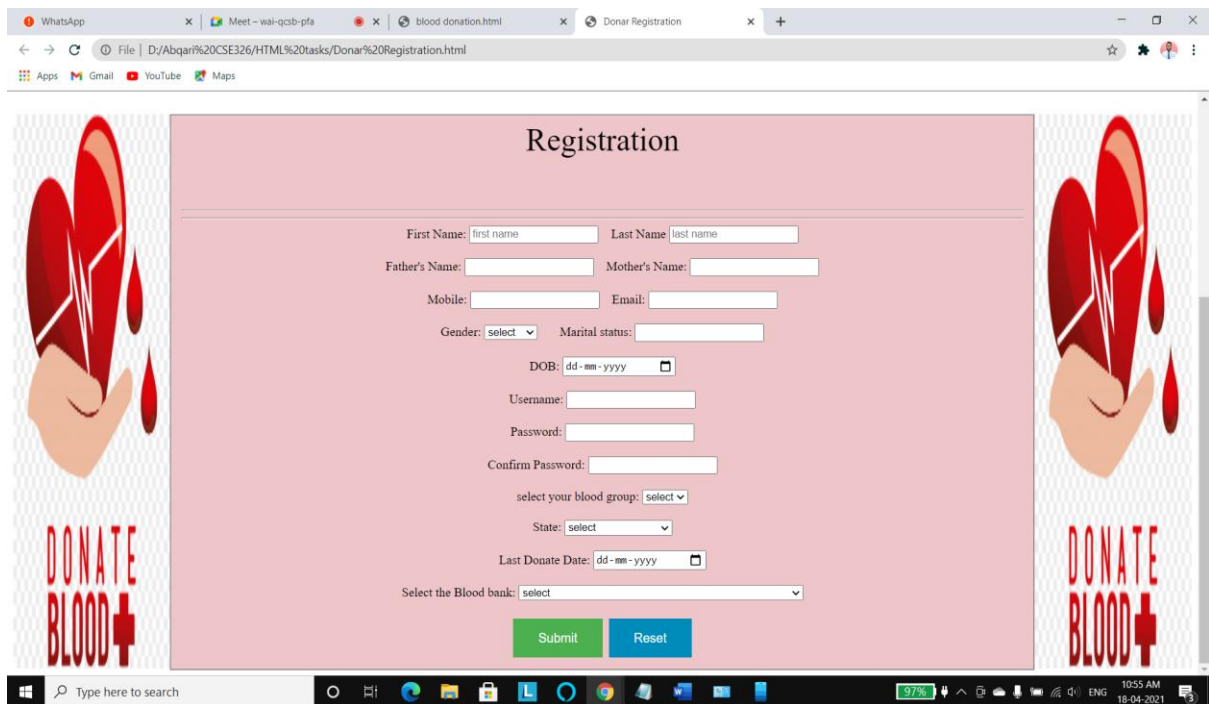


2) Abqari Abbas

Register (Webpage)

In this webpage I have use the following types of tags in the HTML document:

1. **<h1> tag:** I have used this tag to define the header of the webpage “Welcome to Blood Donation” and styled it font-size of 60px and color red.
2. **<u> tag:** I have used this tag to underline the header text.
3. **<center> tag:** I have used this tag to center the header text for readable looks.
4. **<a> tag:** I have used this tag to make the clickable images present in the webpage to enhance the creativity.
5. **<Image> tag:** I have used this tag inside the header tag to insert the image of blood donation on left and right sides of the registration form in the webpage which is made further clickable by anchor tag (<a>).
6. **<form> tag:** I have used this tag to make the whole of registration form and used the JavaScript code in it for form validation.
7. **<fieldset> tag:** I have used this tag to define a field for form to be displayed on the webpage, and with the help of center tag displayed all the contents of my field to center.
8. **<legend> tag:** I have used this tag to define a name of my field and styled it with inline CSS font-size as 40px.
9. **<label> tag:** I have used this tag to label the name of the form parameters to be filled by the user.
10. **<input> tag:** I have used this tag for taking the input of Name, Mobile, E-mail and so on.
11. **<select> tag:** I have used this tag for creating a dropdown box for selection in various place like for selection of blood bank and gender and state etc.
12. **<option> tag:** I have used this tag in select tag for giving the options for selection.
13. **<script> tag:** I have used this tag to write the JavaScript code for form validation and to display the message for wrong format of the input given by the user.
14. **<style> tag:** I have used this tag only for styling using an internal CSS of button of two type one for all the styling related to physical appearance and the second one for its background color of “submit” and “Reset” and all other styling is done using inline CSS.
15. **
 tag:** I have used this tag also to move to next line.



2) Abqari Abbas

Why to donate blood (Webpage)

1. **<center> tag:** I have used this tag here also to set the header text in the middle position.
2. **<image> tag:** I have used this tag here to place the logo and the images depicting that why to donate blood.
3. **<a> tag:** I have used this tag here to make the clickable images of logo.
4. **<hr> tag:** I have used it here to put a horizontal line after the header text.
5. **<h1> tag:** Used here to define the header of the webpage.
6. **<p> tag:** I have used here this tag to define a paragraph for my webpage and styled with inline CSS font-size 20px.
7. **
 tag:** I have used this to move to the next line after this tag.
8. ** tag:** I have used this to highlight the important line.
9. **<i> tag:** I have used this to show the importance of the certain line in the paragraph.
10. ** ** I have use this to give a space between “>>” and sentence in my webpage.
11. ** tag:** I have used this to color the important text in a webpage
12. **<form> tag:** I have used this tag only for the textarea tag used as a comment box.
13. **<textarea> tag:** I have used this tag to define a field to write the comment for the users.
14. **<label> tag:** I have used this tag to label the area of the comment text area box.
15. **<input> tag:** I have used this tag of type submit to submit the comments, styled with inline CSS of cursor to be pointer and background color as per the format of RGB color code.
16. **<u> tag:** I have used this to underline a single line of text.

Donor Registration why to donate blood HTML YouTube Videos WhatsApp

Why Should I donate blood?


Safe blood saves lives and improves health. Blood transfusion is needed for:

- women with complications of pregnancy, such as ectopic pregnancies and haemorrhage before, during or after childbirth;
- children with severe anaemia often resulting from malaria or malnutrition;
- people with severe trauma following man-made and natural disasters;
- and many complex medical and surgical procedures and cancer patients.

It is also needed for regular transfusions for people with conditions such as thalassemia and sickle cell disease and is used to make products such as clotting factors for people with haemophilia.

There is a constant need for regular blood supply because blood can be stored for only a limited time before use. Regular blood donations by a sufficient number of healthy people are needed to ensure that safe blood will be available whenever and wherever it is needed.

Blood is the most precious gift that anyone can give to another person — the gift of life. A decision to donate your blood can save a life, or even several if your blood is separated into its components — red cells, platelets and plasma — which can be used individually for patients with specific conditions.



Donor Registration why to donate blood HTML YouTube Videos WhatsApp

A decision to donate your blood can save a life, or even several if your blood is separated into its components — red cells, platelets and plasma — which can be used individually for patients with specific conditions.

At Carter BloodCare we have many reasons for why everyone should donate blood. But, we decided to reach out to our donors and ask why they think it is important to give blood.

Check out the top 14 reasons below.

Reasons Why You Should Donate Blood ?


- Every three seconds, someone needs a blood transfusion!
- 20 percent of recipients are children — many are cancer patients!
- Giving blood is 100 percent safe!
- One pint of blood from one donor can save up to three lives!

Benefits Of Blood Donation

- Lowers Risk Of Heart Disease and Diabetes by Reducing Cholesterol and Triglyceride Levels
- 10 Extra Calories
- Free Health Screening or Blood Pressure, Pulse, Temperature, and Iron Level are Checked by Free Health Screening
- To donor is refreshed every time because of the increased flow blood only

Why Blood donation is important?

- For you. It's just a few moments out of your day but for patients in need, it may save their life.
- Donations - the only way of obtaining blood.
- Each donation may help up to three different people.
- Blood and its components have a limited life.
- Giving blood - part of our routine



WhatsApp CodeTanner - Teach & Learn Donor Registration why to donate blood

>> Because some day, I may need someone to do the same for me.

>> Do unto others, as you would have them do unto you!

>> Because if you need blood one day, you would not hesitate to take it, so why would you hesitate to give it?

>> Blood donation is important because maintaining an adequate blood supply in our community secures blood transfusions for patients.

>> Because I can.

>> Nutter Butters.

>> The question is, why not give blood?

>> It gives donors a medical check at no cost.


>> Free cookies, juice and the satisfaction of helping others.

>> I can't discover a cure for cancer, but I can help keep someone alive while they are waiting for a cure.

So, Why are you waiting???? register now!!!!!!

For Registration: [Click here](#)

If you have any query please comment down below:



3) Pratik Kumar

Main Page (Webpage)

I have used the following tags in the HTML webpage:

1. **<html> tag:** Used it to define the beginning of the html document.
2. **<title> tag:** Used it to assign title to the webpage.
3. **<head> tag:** Used it to define the heading of the webpage and used script and external in it.
4. **<style> tag:** Used it to add external CSS in the webpage to make it look more attractive and stylist.
5. **<link> tag:** Used it to link the external CSS style sheet I created.
6. **<body> tag:** Used it to define the beginning and the ending of the context which should be inside the html webpage.
7. **<a> tag:** Used it to define hypertext markup language and to link other users' webpages with my webpage.
8. **<form> tag:** Used it to create a few sections of the webpage to perform specific actions (like post and get) which I created inside the body attribute tag.
9. **<fieldset> tag:** Used it for separating out specific context in the body and group it up inside a field (boundary to be more precise).
10. **<p> tag:** Used it to write paragraphs and simple statements in the webpage.
11. **<div> tag:** Used it to create different divisions(containers) in the webpage so that I could perform different activities inside it.
12. **<label> tag:** Used it for labelling(caption) the drop-down field.
13. **<select> tag:** Used it for creating the drop-down list under the find a donor division.
14. **
 tag:** Used it for providing a breakage in between the context to provide gap or move the context to next line.
15. **<input> tag:** Used it for creating buttons (like submit and reset) and input boxes inside the different form for the purpose of submission of the data.
16. **<option> tag:** Used it for providing option inside the select tag.
17. **<iframe> tag:** Used it for embedding videos on the webpage in the divisions I created.
18. **<center> tag:** Used it to align the context of the body to the centre.
19. **<textarea> tag:** Used it for creating a multi-line text box to get user feedback on the webpage under div tag.

20. tag: Used it to insert image to the webpage, logo into the beginning of the webpage.

21.<script> tag: Used it for putting validation in certain area it the html webpage.



BloodBank.com
A Social Initiative

Donor Login :

Password :

[Register](#)

[Why Donate Blood](#)

[Who Can Give Blood](#)

[Refer A Friend](#)

[Contact Us](#)

Find A Donor

State :

City :

Area :

Type :



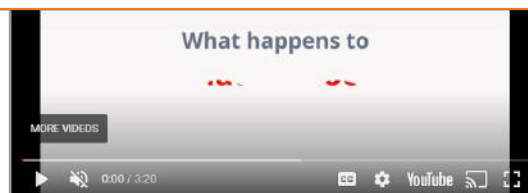
Type :



Blood Donation Process



Where would you like to donate?



Where would you like to donate?

Any Suggestions?

Contact Us (Webpage)

I have used the following tags in the HTML webpage:

1. **<html> tag:** Used it to define the beginning of the html document.
2. **<title> tag:** Used it to assign title to the webpage.
3. **<head> tag:** Used it to define the heading of the webpage.
4. **<fieldset> tag:** Used it for providing separation to specific context in the body and group it up inside a field (boundary to be more specific).
5. **<style> tag:** I used it to add internal CSS in the html webpage.
6. **<p> tag:** Used it to write paragraphs and simple statements in the html webpage.
7. **<h3> tag:** Used it to define one of the heading formats (third level heading) for the context of the html webpage.
8. **<a> tag:** Used it to define hypertext markup language and emails for contact purpose.

