Today my mentor gave me a task to create a webpage which contains flexbox using html and css.

A page which contains four boxes and I have to move and place any one flex box in the center of the page.so I started working on it by seeing reference using w3 schools website.there I tried the code and run it.After that I created a html webpage using the following command:

I created a folder named flex.

Microsoft powershell->cd desktop

Cd flex

Vim flex1.html

A vim window with **flex1.html** page will be opened.In that I coded the tags which is as follows:

<html>

<head>

<title>four flex boxes</title>

<link rel="stylesheet"href="flex1.css">

</head>

<body>

<div class>1

<div class>2

<div class>3

<div class>4

</body>

</html>

Save the html page using esc:w flex1.html

Open Microsoft powershell->cd desktop

Cd flex

Vim flex1.css

A vim window with **flex1.css** page will be opened.In that I coded the tags which is as follows:

Body{

Display: flex;}

```
.container{
Display:flex;
Background-color: green;
Flex-direction: column;
Align-items: center;
Width: 100%;
}
.flex-container{
Display:flex;
}
.flex-container>div{
Width: 100%;
Line-height: 75%;
Padding: 75%;
Margin: 10px;
Background-color: DodgerBlue;
Justify-content: center;
}
```

Save this css file using the command esc:w flex1.css

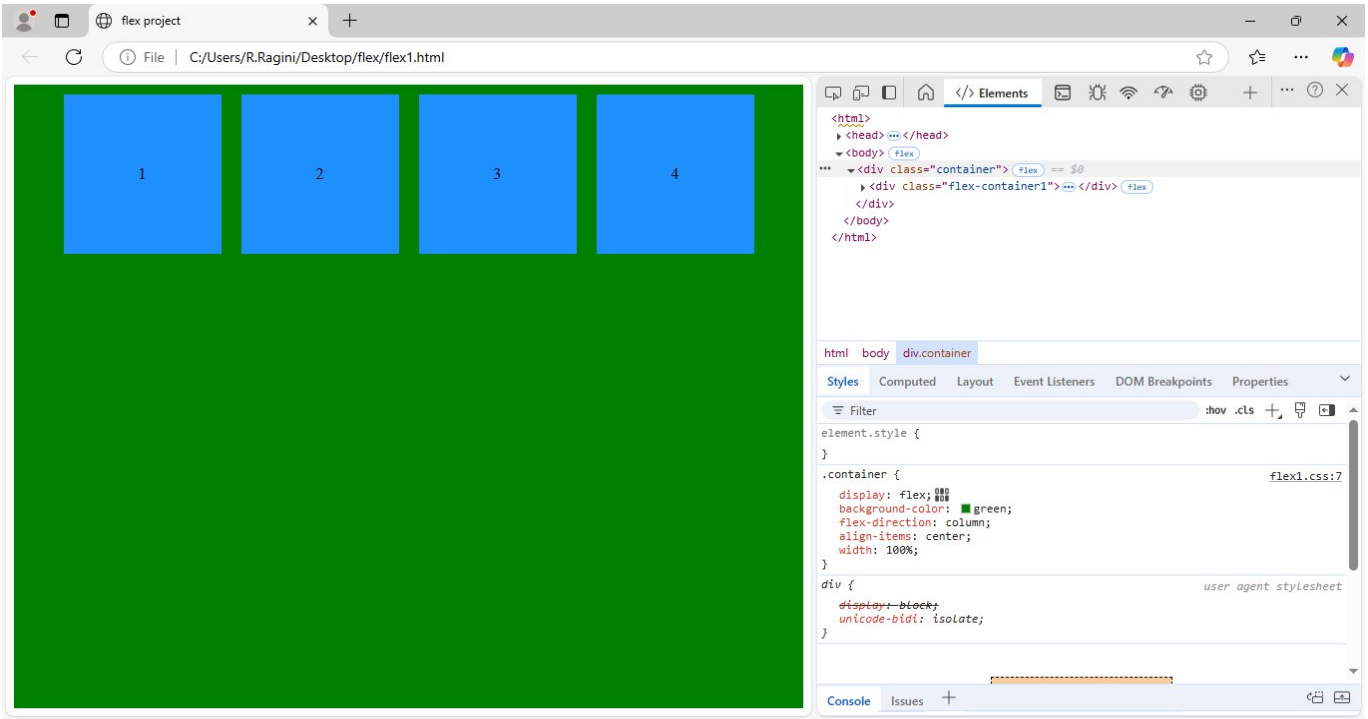
After saving the file open Microsoft powershell to run it.

Cd desktop

Cd flex

Start flex1.css

Then the output will be displayed as,



At 2.30pm we had koushik sir's class.In this class he revised about compiler,tokenizer,syntax and semantics.

Data: Data is a collection of information.Data consists of ,

1. Varies-varies is a data which contains same word but has different meaning.
2. Constant-constant is a data where the meaning does not change.

Programmimg language:A programming language which consists of

1. Symbols
2. Tokens
3. Expressions
4. Keywords

Symbols-symbols are mathematical operator,A-Z,numbers,special characters.
Tokens-token is a combination of symbols.
Example: hello,100(In this example hello contains two l and 100 contains two 0)so the repetition of letter in a word is called tokens.
Expression: Expression is a combination of tokens.
Example:a+b=10;
In this example,a is a symbol,+ is a symbol,b is a symbol,10 is a token.
Keyword:let,for,if,var are keywords.keywords are that cannot change.
Datatypes: Every data has a type.
There are two types of data:
Primitive:primitive datatypes are string,Boolean and integer/number.
Complex:complex datatype are array,maps and object.
Variable contains data:
Example: value=true;
Here the value is a variable which contains the data Boolean.
Example:integer hello=20;

In this example,var which contains the data 20 and its type is int.
Int num1=20;
String name=”whiteboard”;
Declarative sentence:
From the above example,string is a datatype or keyword;
Name is a variable;
= is a assigning operator;
Whiteboard is a data which ends with sentence terminator.