**LANGUAGE SPECIFICATION**

**Object:** Design a html compiler by using javascript,css & html

**Paradiagm:** Procedural paradiagm based on tags. Each tag also known as container

Every program of <html> starts like:

<html>

<head>

<title>

text

</title>

</head>

<body>

</body>

</html>

**Structural tag:**

<p> </p>,<span></span>,<div></div> these tag always use inside body.

**Formatting tag:**

<b></b>,<i></i>,<h></h>,<br> these tags are always use inside paragraph,div and span tag with some text inside it.

**Operational tag**:

<sum></sum>,<sub></sub>,<prod></prod>,<divide></divide> these tags always use inside body alone. Only one operation can perform at a time.

**Concatenation tag:**

<join></join> this tag also use inside body alone. It concatenates two string

**Anchor tag:**

<a href=file.html>link</a> also use inside body alone.

**Loop tag:**

<loop starting point … ending point> </loop> always use inside body & before structural tag

**Note:** All tags must be in small case. Special characters are not allowed

**SYNTAX**

**OPERATIONAL TAG:**

<sum>

Digit1,Digit2

</sum>

<sub>

Digit1,Digit2

</sub>

<divide>

Digit1,Digit2

</divide>

<prod>

Digit1,Digit2

</prod>

**CONCATENATION TAG:**

<join>

String1,String2

</join>

**ACHOR TAG:**

<a href=filename.html>

Text

</a>

**LOOP TAG:**

<loop startingpoint…endingpoint>

Structural and formatting tag include inside it

</loop>