

Background

Border

Margin

padding

outline

Text

font

link

List

Table

31. Shadows

32. Transform (hover)

33. Transition

34. Animation

35. Image filter
(~~color~~)

36. Box sizing

37. Grid Layout

* 5 way to move object
center

Max-width []

position [19]

overflow

float

inline / inline-block
display

Altering
Absolute
Flexbox
Flex
Grid

15 April

23. Combitators

24. Pseudo-class

25. Pseudo-elements

26. opacity

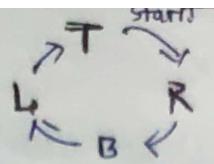
27. Dropdown nav-bar

28. Image Sprites

29. Media Queries

30. Gradients

background



CSS3

Bappa

③ Background

1. { background-color: Red; }
2. background-image: url('bappa.jpg'); / url(-/use/bappa.jpg)
3. background-repeat: no-repeat;

repeat-x; Repeat 2c4

repeat-y; Repeat 2c4

repeat: 6c4

4. background-position: top right;

top left;

center;

width auto;

height auto;

image use 2c4

5. background-size: 300px auto;

6. background-attachment: fixed; / scroll

fixed এ জামগাতে থাকবে

7. background-position: top center/bottom; / top left/right;

8. background: #000 url('bappa.jpg') no-repeat top-center;

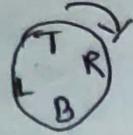
color: black; width: 200px height: 200px fixed

color: red;

just text

color: red;

text color: red



Bangladesh

Border

Clockwise

E229

1. border-width: 5px;
2. border-style: solid / dotted / dashed / ridge / inset / none
3. border-color: red;
4. border-radius: topx; no: 3px - border-radius

border: 5px solid red;

(1) border-width: topx $\frac{20px}{top/bottom}$; left/right

border-width: $\frac{topx}{top}$ $\frac{20px}{L+R}$ $\frac{30px}{bottom}$

border-width: $\frac{topx}{top}$ $\frac{20px}{R}$ $\frac{30px}{B}$ $\frac{40px}{L}$

(2) border-style: dotted / solid / dashed / none

dotted solid dashed

none

(3) border-color: Red Green Black Orange

Yellow Blue Magenta Cyan

(4) border-radius: topx $\frac{20px}{T}$ $\frac{30px}{R}$ $\frac{40px}{B}$ $\frac{50px}{L}$

Margin

1. margin-top: 50px; টাপৰ দৰখে 50px
2. margin-left: 50px; বিচ ধাৰণৰে 50px
3. margin-right: 50px; বাবু ধাৰণৰে 50px
4. margin-bottom: 50px; বিচ ধাৰণৰে 50px

margin: 50px; ; চাৰিহিস্তৰে মোড় কোৱা

: $\frac{50px}{T+B}$; $\frac{100px}{L+R}$; $\frac{50px}{T+B}$; $\frac{100px}{L+R}$; $\frac{200px}{B}$;

বৰু মাঝ : $\frac{50px}{T+B}$; $\frac{100px}{L+R}$; $\frac{20px}{T+B}$; $\frac{400px}{B}$;

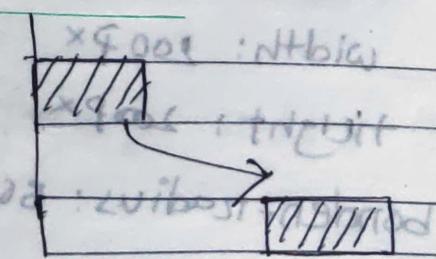
margin: 0; ; কোৱা কোৱা মোড় নাই। (চাৰিপাশে)

: $\frac{0}{T+B}$; $\frac{5px}{L+R}$;

কেবল বৰু অন্তৰে মাঝখানে আসো-

• box-sizing
width: 50%;
height: 200px;
margin: auto;

margin: 0 $\frac{auto}{L+R}$;



only জানি+কৰণৰ কোষ কোৱা

padding - ප්‍රමාණ කෝට්

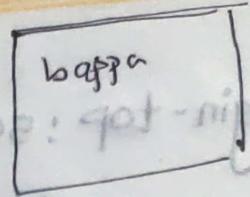
①

padding-top: 5px; සිංහල 5px

padding-bottom: 5px; සිංහල 5px

padding-left: 5px;

padding-right: 5px;



ඉකු ලැංඡ, ප්‍රමාණ කෝට්

~~margin~~:

padding: 0; ගැනීමේ නෑත්

: 5px ගැනීමේ 5px

: $\frac{5px}{T+B} + \frac{10px}{L+R}$; $\frac{5px}{T} + \frac{10px}{L+R} = \frac{15px}{B}$;

(සිංහල) : TR ප්‍රමාණ මූල්‍ය නෑත්
 $\frac{5px}{T} + \frac{10px}{R} = \frac{15px}{B} ; 0 ; \text{medium}$

: $\frac{0}{T+B}$

width: 200px

height: 200px

border-radius: 50%.

ස්ථාන : Circle ගැනීමේ පිරිව.

other : margin

ස්ථාන ප්‍රමාණ පිරිව

: $\frac{0}{T+B}$ margin

fxst

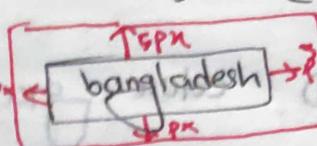
outline ২৫ border বর্গ ৪১২২৩ মিল ৮.৪৮

১. outline-width: 5px;

২. outline-style: solid; /dotted

৩. outline-color: red;

৪. outline-offset: 20px;



outline

outline: 3px solid red;

outline: 3px solid red;
outline: 3px solid red;

A79AS : ৩০০ কেজি : অন্তর্ভুক্ত - fxst (১)

বর্ণনা ? পর্যবেক্ষণ :

→ সূচী পর্যবেক্ষণ করা হলো ? এগুলো :

— বর্ণনা পর্যবেক্ষণ : x98 ; fxst (১)

— ১. ১. ১. ১. ১. ; x98 : fxst (১)

1. এই পর্যবেক্ষণ করা হলো ? : fxst (১)

— ১. ১. ১. ১. ১. ; x98 : fxst (১)

? border x98 ১৫৮ : বর্ণনা - fxst (১)

? border x98- ১৫৮ :

Text

P>H2> p> P>H2> E.d. একাদশীর প্রতি সন্ধিতা

(1) color: green

(2) text-align: center / left / right ; কেন্দ্র - সন্ধিতা &

text-align: justify ; ফর্মাট অ্যালাইনেড সন্ধিতা . E

(3) ~~text~~ color: green

(4) text-decoration: none ; Link → Link (underline)

ৰুট পথ নথোঁ: underline;

বিবোৱা পথ স্লেক: overline;

xৰো পথ লাইন-থ্রোুচ: bappa

(5) text-transform: uppercase ; BAPPA

: lowercase ; bappa

: capitalize ; Bappa Bappa Saha Name

(6) text-indent: 5px; লাইনে আয়োজন কৰো

(7) letter-spacing: 5px ; B a p p a

: -5px ;

(8) line-height: 1 ; নাইনে পাইনে হোলাইন কৰো

(9) word-spacing: 30px ; Bappa Saha

→ text-shadow: $\frac{2px}{L \rightarrow R}$ $\frac{4px}{T \rightarrow B}$ red ;

: $\frac{-2px}{R \rightarrow L}$ $\frac{-4px}{B \rightarrow T}$ red ;

Graph

Shadow

Font:

- ① font-family : tahoma; } ; serif ; sans-serif } ;
- ② font-size : 50px; / 5rem / 5em ; border: 2px solid black;
- ③ font-style : italic; / serif: bold } ; border: 2px solid black;
- ④ font-weight : normal; / bold } ; border: 2px solid black;
- ⑤ font-variant : normal; My name is bappa
: small-caps; My NAME IS BAPPA

Google Font

Font Awesome

link copy & paste in CSS file

Facebook icon

<i class="fab fa-facebook"></i>

Google Icons

google materials icons find search

<i class="material-icons">bug_report</i>

material - icons / abiend : rotate - 90deg - left - tail

abiend group : start - tail

Link

- ① `a { color: white; }` ~~color: yellow;~~ : link - root ④
- ② `a:visited { color: red; }` ~~color: blue;~~ : visited - root ⑤
- ③ `a:hover { background: yellow; }` ~~background: green;~~ : hover - root ⑥
- ④ ~~color: green;~~ ~~color: orange;~~ ~~color: blue;~~ : active - root ⑦
- ⑤ `a:active { background: green; }` ~~background: black;~~ : active - root ⑧
- ⑥ `a:link { color: black; }` : link - root ⑨

list-style-type

- Apple
- Orange

list

- ① `ul { list-style-type: none; }` ~~list-style-type: none;~~ : none
- ② `list-style-type: circle;` ~~list-style-type: none;~~ : circle
- ③ `list-style-type: square;` ~~list-style-type: none;~~ : square
- ④ `list-style-type: upper-roman;` ~~list-style-type: none;~~ : i. Apple
- ⑤ `list-style-type: lower-roman;` ~~list-style-type: none;~~ : ii. Apple

Upper/lower-alpha; * a. Apple

- ⑥ `list-style-image: url('a.png');` ~~list-style-type: none;~~ = bullet icon

- ⑦ `list-style-position: inside;` / `list-style-position: outside;` default

`list-style: square inside`

Start icon

Tables

table, to the

Lentil, x3 bin

border-collapse: collapse; border-right: 2px

Display My name is bappa

~~1. display : none ;~~

Span tag ଏହି କ୍ରମିକରଣ କାବାଳାପାଇଁ ଉଦ୍ଦିଷ୍ଟ ଫାଳ,
inline element କ୍ରମିକରଣ କାବାଳାପାଇଁ

3.  display : block;

block နဲ့ inline မတိုက် မလိုပါ။

3 display: inline-block; o: niemom

9 ~~display : inline ;~~

→ Apple → : AppleBallCat

- Ball →
- cat

• cat

→ vertically → cat ~~cat~~ ~~cat~~ ~~cat~~
LEARNER brown book

• school : fitpiqt
• student : noitiedq

critic: writing

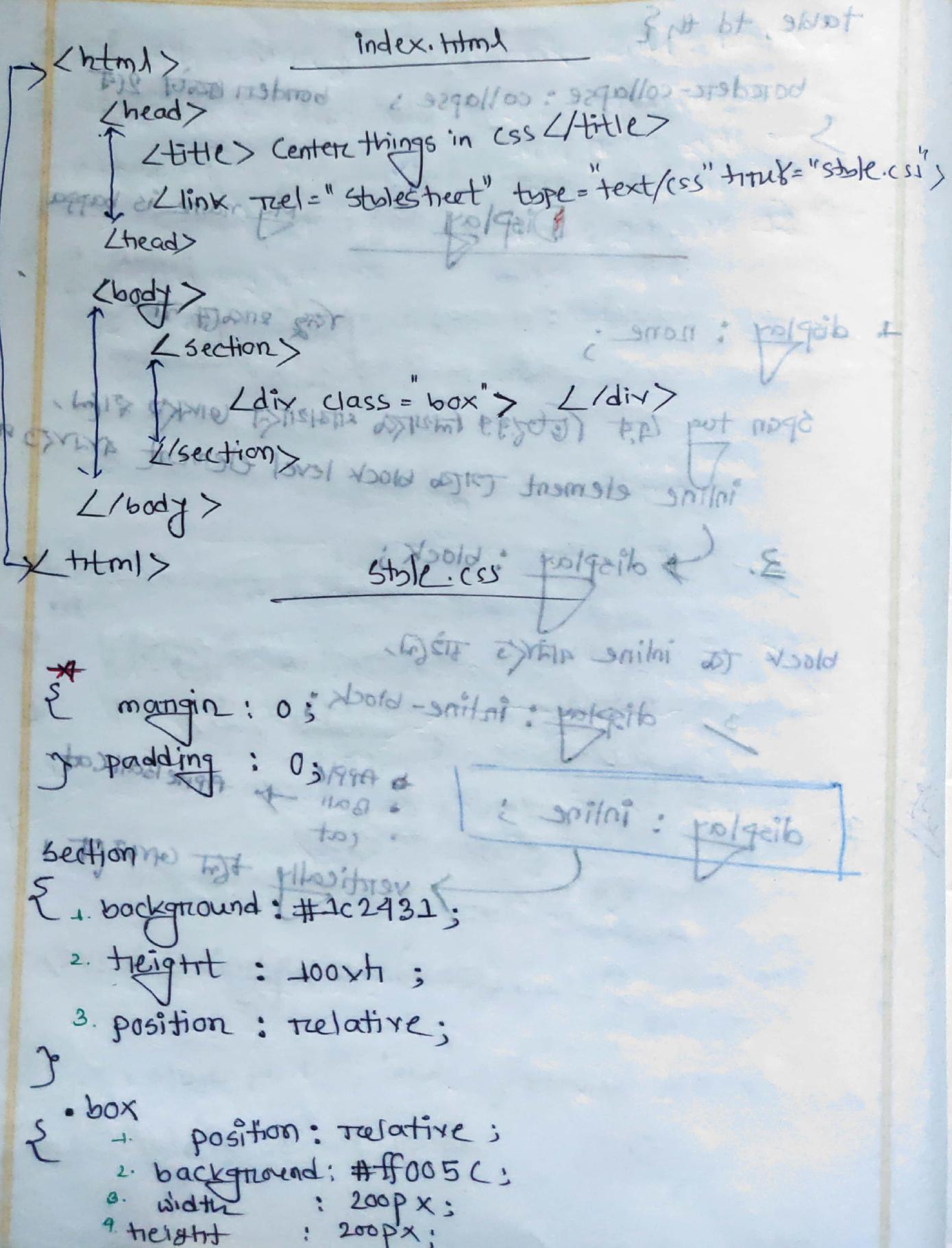
Passenger: #1002C

: x 900 : 10 bits

Exposure : Bright

Center

બેન્ડ કરીયો center જ વિધી way.



ntbia - x0M

1st way [position]

~~section~~

~~position: absolute;~~

- box
- 1. box prop first
- { position: absolute;
- top: 50%; left: 50%;
- transform: translate(-50%, -50%);

- 2.
3. Same
- 4

3rd [Using css grid]

~~section~~

{
1.
2.
3.

display: grid;

• box

{
1. 2. 3.;

justify-self: center;

4th [grid]

~~section~~

{ display: grid;

; x9005; initial
; x9005; inherit

• box

{ 1. 2. 3.;

margin: auto;

; x902: 90%
; x902: 100%

2nd [Using css flex]

~~section~~

- 1.
- 2.
- 3.

display: flex;

justify-content: center;

x902: true

5th

~~section~~

→ position: relative;

height: 100vh

background: #fff

display: grid;

place-item: center

Easy

style: position: relative;

; 0: 90%

; 0: 100%

Max-width

[বিপ্রীতি বাবু] bns
width: 400px;

দুর্বল device ২ bit

১৫০px!

২২৮ screen ৬.৯

width অনুযায়ী ১৫০px

২৩০ সেমি

বৈচিত্র্য : (x02 - x02) statement; statement

[বিপ্রীতি] NIP

max-width: 400px;

ইতি [responsive] ২-

কোড কোড হুলা কোড

বৈচিত্র্য ৭৫(৪) NT ১ পাখ
device এর size ৭২ ফুটের ৫

bit ২৮ ১ ডোড : ৭৫

ডোড : ৫৫

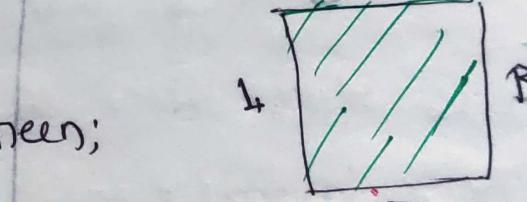
o-position.html
o-position.css

Position

• box {
width: 200px;
height: 200px;
background: green;

1. position: absolute;

top: 50px;
left: 50px;



কোড সালের change ২৫
কোড (স্থান পার্শে স্থান পার্শে)

top: 50px
right: 50px

position: absolute

top: 0;
right: 0;

top: 0
right: 50px
bottom: 0

Left G. 41214

center bottom 41214

position: absolute;

position: absolute;

top: 0;

bottom: 0

left: 0;

left: 0

right: 0;

right: 0

margin: auto;

margin: auto

width: 100px;

width: 100px;

Left G. 41214

position: absolute;

position: absolute

top: 0;

top: 0;

bottom: 0;

bottom: 0;

left: 0;

left: 0;

margin: auto;

margin: auto;

width: 100px;

width: 100px;

position: absolute;

position: absolute

top: 100px;

top: 100px;

bottom: 0;

bottom: 0;

left: 0;

left: 0;

right: 0;

right: 0;

margin: auto;

margin: auto;

width: 100px;

height: 100px;

border: 1px solid black;

Screen G. 41214 41214

width: 100px;

height: 100px;

border: 1px solid black;

margin: auto;

width: 100px;

height: 100px;

border: 1px solid black;

margin: auto;

width: 100px;

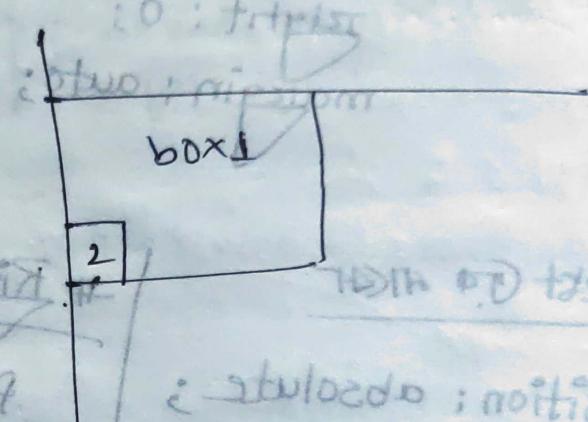
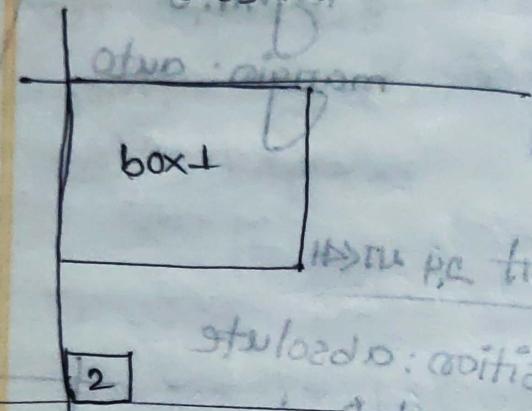
height: 100px;

border: 1px solid black;

মুন্ডে box 0.9 relative এবং box set 20.9% + 12px
এবং box এর position যোগস্থিতি relative

কার্ড 27/4

absolute করলে box 0.9: 41.2(এ) + 21.5(2)



box-1: absolute; position: absolute
box-2: position: absolute

box 2

{ position: absolute
left: 0
bottom: 0

position: absolute
position: relative
position: sticky
position: fixed

box 2

{ position: absolute

left: 0; top: 0; position: absolute

bottom: 0; position: absolute

left: 0; top: 0; position: absolute

bottom: 0; position: absolute

[15] 100/7

Sticky → ফুলের একটা area গুরি রেখা দিয়ে কোথা pass

যদ্বারা, but area থাই জায়গাটোই ২তমের

position: sticky; top: 0

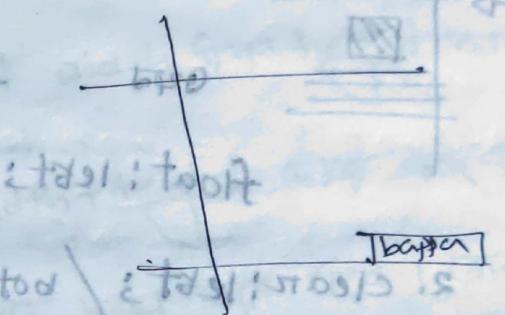
ফুলের নিচারের ফুলের জায়গায় fixed হবার পরামর্শ,

position: fixed;

bottom: 0

right: 0

width: 300px



Overflow [20]

default ক্ষেত্রে,

1. overflow: visible;

bappa
bappa
bappa
bappa
bappa

2. overflow: hidden;

bappa
bappa
bappa

3. overflow: scroll;

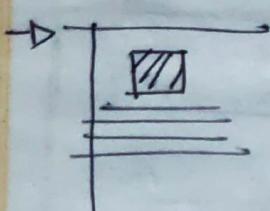
যদি কিছুই area গুরি রেখা
যাতে scroll করালে,

4. overflow: auto;

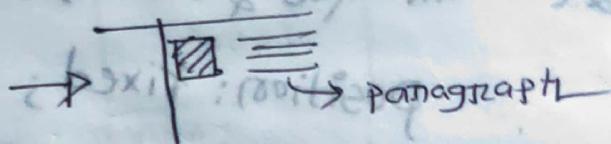
float [21]

HTML file के लिए float
float properties का use करें।

- + float: right / left / none : position
↳ right या left वाली float position
inactive करने के लिए



div



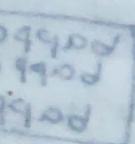
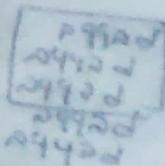
float: left;

o: omitted
o: right

2. clear: left; / both; : नहीं

—x—

clear: both;



clear: both;

Ques: एक पृष्ठे पर दो ब्लॉक्स को एक साथ दर्शाएं।
Ans: float: left; / both; या clear: both; या clear: left;

Display

div → block অংশাদের ক্ষেত্রে মাত্র

span → স্পেন্ডের জাপানী উপরে মানে inline বৰ্ণবিহু শব্দক টে

<div> bappa </div>

 bappa

bappa

bappa

1. display : inline ; use করলে width এবং height কাজ
কৰিব।

2. display : inline-block ; width + height কাজ কৰিব।

3. display : block ; full জায়গা দখল কৰিব। আর হাত
হাতে কমান্দের ক্ষেত্রে থাকেও কৰিব।

→ horizontal navigation menu এর ক্ষেত্রে মাত্র

 <div> </div>

। এই প্রকাৰ

 <div> </div>

। এই প্রকাৰ

— ন্যূনত একটি প্রোটো রিভ { 3.9 + rib . E }

। F12 কৰি পরে <div> পড়লোঁ

Combinators

$\vdash \langle \text{dix} \rangle$

⇒ $\text{H}_2\text{O} \rightarrow \text{H}_2 + \frac{1}{2}\text{O}_2$ (उत्तराधिकारी विद्युत विद्युत)

$\angle P S = \angle Q P$

</div> <(span)> <p> </p>

LIP>

<rib> offrod <

CP — **MP-100** — **CPS**

-1. direct p { background: yellow; }

ଏମାନେ କାହିଁ କାହିଁ ହୁଏ ।

2. $\text{diss} > \text{p}_\text{S}$ \rightarrow Fe^{2+} only $< \text{p}_\text{S} >$ Tag

2. $\dim > p \{ \} \dim \leq p$ (eg. only $\{ \}$) Tag

କୋଟି ଟଙ୍କା ପାଇଁ କାହାର ଦେଖିଲା ?

ଏହାରେ span tag ଏବଂ
 tag ଏ କଣା
-
 tag

3. div + p { } div एवं p का स्वरूप

4. dir + ~.P { } dir ରେଖାଟି ପ୍ରଥମ ଟି ଏହି—

ପାଇଁରୁ ହେଉଥିଲା ଏହାକିମଙ୍କ କାହାରେ ।

Pseudo-class

1. `a:hover { color: red }`
 2. `a:nth-child(1) { }`
- `{ body }`
` sick `
- `{ body }`
` first `
- `{ body }`
` first `

STYLING

- 25
- Pseudo-elements
- ; QPY Bangladeshi <P>

1. `p:first-letter { color: red; }`

Bangladeshi

2. `p:first-line { }`

< h2 > Hellow < h2 >

3. `h2::before { }`

content: '';

content: url(h2.png);

4. `h2::after { }`

content: " ";

xqd1 xqd2: ribbon
xqd3 xqd4: police

Opacity

পৰিকল্পনা কৰিব। একটি পৰিকল্পনা transparent কৰিব।

এখন একটি background পৰিকল্পনা কৰিব।

(27)

Dropdown Navigation Bar

```
ul { overflow: hidden; margin: 0; padding: 0; background: #333; }
```

- Home
- About
- Blog
- Our Client

```
ul li { float: left; margin: 0; list-style-type: none; }
```

```
ul li a { color: white; text-decoration: none; text-transform: uppercase; padding: 10px 16px; display: inline-block; }
```


<li class="dropdown">
blog
<div class="content">
Education
</div>

Image Sprites

Social Sprites icons : font(24px) search icon

• icons ul li a

```
{ background-image: url('icon.png');  
height: 200px; width: 300px; display: inline-block; }
```

• icons { overflow: hidden; }

ডাক্তান্তর দিয়ে ডিস্ট্রিবিউশন করা হয়।

30 Gradients

Linear Gradient()

Radial Gradient()

Syntax:

background: linear-gradient(direction, color1, color2, color3, ...);

Ex: background: linear-gradient(to right, blue, red, ...);

background-image: linear-gradient(to bottom, ...);

to bottom right,

120deg;

: "rgba(0, 255, 0, 0.9), rgba(...));

* multiple color stops: (blue 40%, red 60%)

* creating hard lines ↪

Radial Gradient

set shape [ellips
circle]

Set-Size

closest-side;

closest-corner;

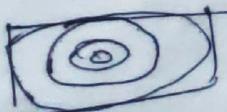
farthest-side;

farthest-corner;

circle at 0% ~ 30%

background: radial-gradient(red, yellow, green);

Repeating Radial Gradients →



31 Shadows

1 text-shadow: $\frac{0}{L+R}$ $\frac{0}{T+B}$ $10px$ red;

2 text-shadow: $-5px$ 0 red, $4px$ $21px$
 0 $5px$ green, $11px$ $15px$
 $5px$ 0 yellow, $11px$ $21px$
 0 $-5px$ lime; $11px$ $11px$

Box-shadow

box-shadow: offset-x offset-y blur-radius spread-radius color

$(0, 0, 0, 0)$ offset ..

$(20, 20, 0, 0)$ offset ..

$(-20, -20, 0, 0)$ offset ..

Blur-radius

: blur-radius

: blur-radius

: blur-radius

: blur-radius

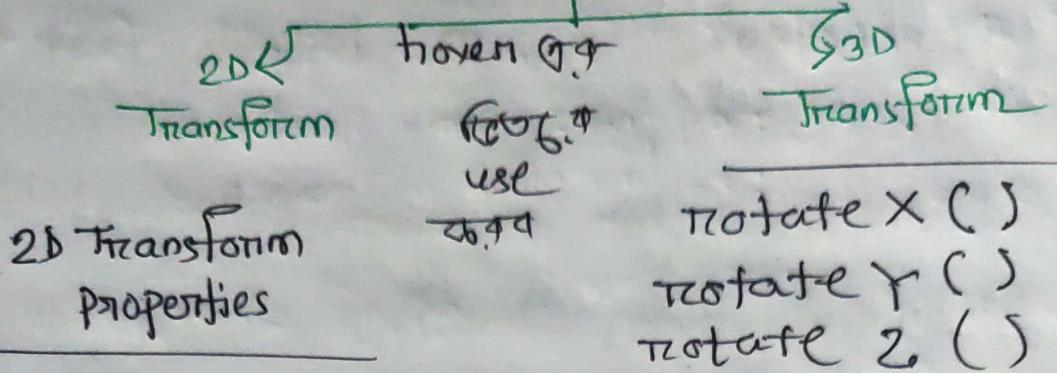
sharp edges I sharp edges

sharp edges I sharp edges

sharp edges I sharp edges

$10px$ to sharp edges

32 Transform



1. translate()
2. translateX() -
3. translateY() -
4. rotate() -
5. scale() -
6. scaleX() -
7. scaleY() -
8. skew() -
9. skewX() -
10. skewY() -
11. matrix() -

Transition current of Haven-Gause model

transition : 35 ; ପରିପରା କମ୍ପ୍ୟୁଟର କଲ୍ୟାନ୍ !

transition-property:

transition: width 2s, ~~height~~ 2s;

transition-delay: 1s; -1s դժ տար 274

transition-function: ease; spread mean width

transition-timing-function: ease;
ease-in
ease-out
ease-in-out
step-end

lineat.

39 Animation

```
box { height: 100px; width: 100px; background: red;  
      animation-name: bappa; } 28 iteration  
      animation-duration: 6s; infinite-animation;
```

```
@keyframes bappa { 0% { background: red; } 100% { background: green; } } 0-100%  
from { background: red; } to { background: green; } 0-100%
```

```
@keyframes bappa { 0% { background: red; } 25% { background: green; } 50% { background: yellow; } 75% { background: red; } } 0-75%
```

```
box { animation-name: bappa;  
      animation-duration: 4s;  
      animation-delay: 2s;  
      animation-iteration-count: 2 / infinite;
```

animation-direction: reverse

animation-fill-mode: backwards;
 : forwards

animation-timing-function: ease;
 linear;

animation: bappa 4s ease 2s infinite forwards reverse;

Image filters

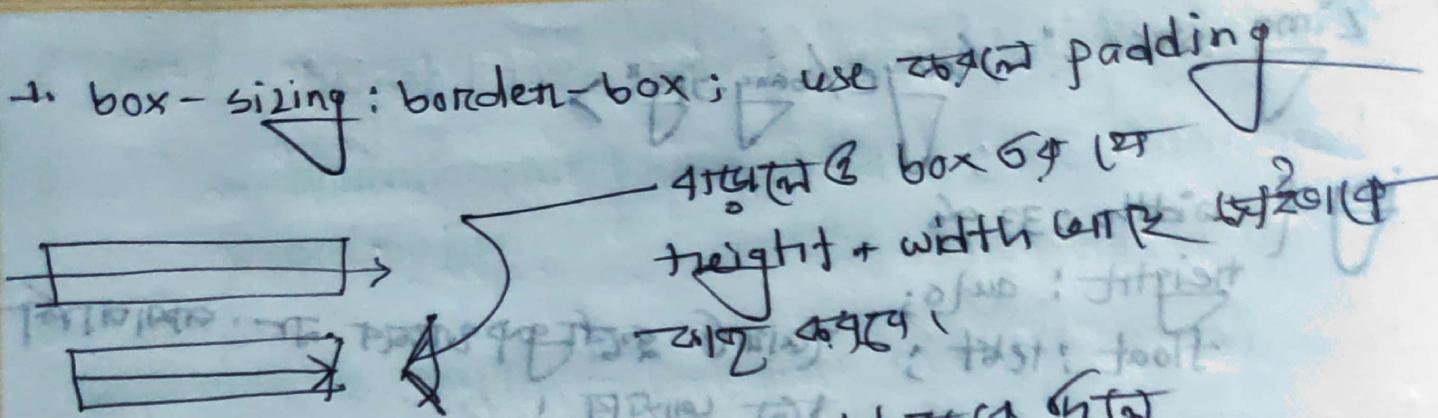
``

`img { width: 33%; height: auto; float: left; margin-right: 10px; border: 1px solid black; border-radius: 10px; box-sizing: border-box; padding: 5px; display: inline-block; vertical-align: middle; text-align: center; font-size: 1em; line-height: 1.5; font-weight: bold; color: inherit; text-decoration: none; background-color: transparent; transition: all 0.3s ease; position: relative; z-index: 1; }`

Properties

1. filter: blur (2px);
2. filter: brightness (200%);
3. filter: contrast (200%);
4. filter: grayscale (100%);
5. filter: invert (50%); negative picture
6. filter: opacity (50%);
7. filter: saturate (50%); just value
8. filter: sepia(-100%);
9. filter: drop-shadow (8px 16px 20px green);

Box Sizing

- box-sizing: border-box; use ~~width~~ padding
- 
- height + width = 64px
body & add 20px (40px)
- (deos) centerline : left
 (deos) tension : right
 (deos) baseline : baseline
 (deos) vertical-align : vertical-align
 (deos) padding : padding
 (deos) margin-top : margin-top
 (deos) margin-bottom : margin-bottom
 (deos) margin-left : margin-left
 (deos) margin-right : margin-right

37 Grid System

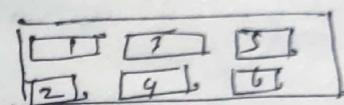
କ୍ଷେତ୍ରଫଳଟି ଏବଂ ଅନ୍ୟ ପାଇଁ

grid container

{ 1. display: grid;
2. grid-template-columns: auto auto auto;

3. grid-column-gap: 20px; କଲୋନ୍‌ଗ୍ଯାପ୍
4. grid-row-gap: 20px;

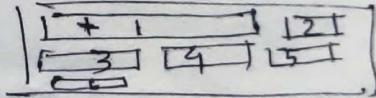
5. grid-gap: 20px; ରୌନ୍ + କଲୋନ୍ ଗ୍ଯାପ୍
: 20px 30px:



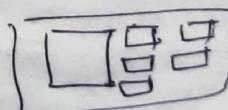
a. display: grid; ଗ୍ରିଡ କ୍ଷେତ୍ରଫଳ ହିଁ

b. display: inline-grid ଅନ୍ୟ କ୍ଷେତ୍ରଫଳ ହିଁ

7. grid-column-start: 1;
grid-column-end: 3;



grid-row-start: 1;
grid-row-end: 3;



2. grid-template-columns: /~~auto~~;
: auto auto;
: 50px auto +0px;

8. justify-content: space-evenly; ସମ୍ପର୍କ କାର୍ଯ୍ୟ

: space-around; ଅଧିକତ ଅଧିକ ଅଧିକ

: space-between ଅଧିକ ଅଧିକ ଅଧିକ ଅଧିକ

: center
: start
: end

ଆପଣଙ୍କ
କାମ

now
before
after
end

Column
align-items
align-content

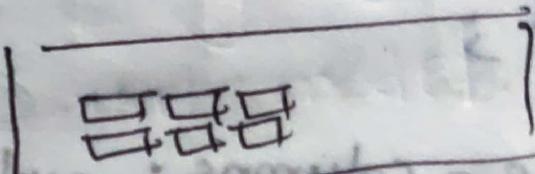
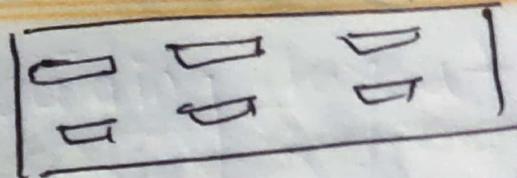
align-items: center;

align-content: center;

: flex-end;

: flex-start;

: space-between



margin-left: 10px;
font-size: 16px;

flex-direction: column;

Flexbox

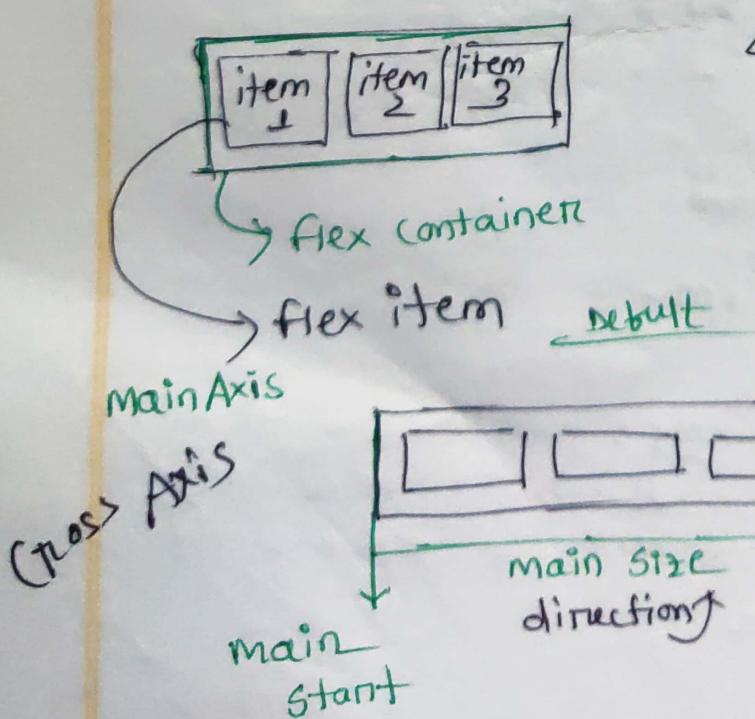
- for building layouts

- One dimensional layout model
 - ↳ flexible and efficient layout
 - distribute space among items
 - control the alignment

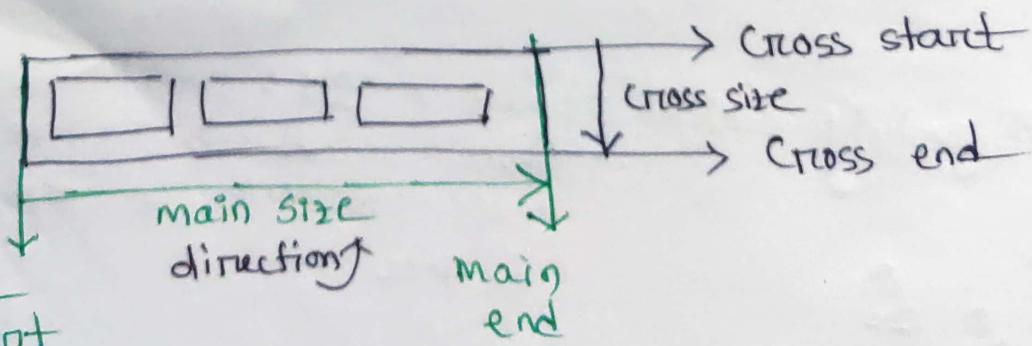
III Layout modes

- Block, webpage's section
- Inline, for text
- Table, for 2-D-table data
- positioned, for element.

Terminology



```
<div class="container">  
  <div>item 1</div>  
  <div>item 2</div>  
  <div>item 3</div>
```



Flex Container properties:

→ display (must)

2. flex-direction

3. flex-wrap: responsive 2nd axis of container element after start of first

4. flex-flow: combination of flex-direction & flex-wrap

5. justify-content: main axis alignment of items

6. align-items: cross axis alignment

7. align-content: cross axis alignment of item

{ display: flex; | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | }

{ display: inline-flex; | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | }

{ display: flex

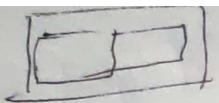
flex-direction: row / row-reverse / column / column-reverse

{ display: flex

flex-wrap: no-wrap / wrap / wrap-reverse

display: flex;

flex-flow: < flex-direction > < flex-wrap >



{ display: flex;

justify-content: flex-start; default

: flex-end;

: center;

: space-between;

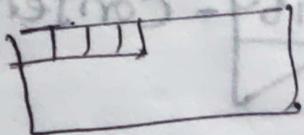
: space-around;

: space-evenly;

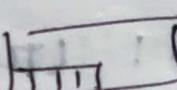
Cross axis
→ → →

{ align-items: stretch; default.

: flex-start;



: flex-end;



: center

align-content:

{ flex-item: order

flex-grow

flex-shrink

flex-basis

→ flex

⑥ Introduction to HTML

HTML ଏହା ସ୍ଵର୍ଗ ହୁଏ ଅଛି HyperText Markup

Language

ଏହି ହୁନ୍ତା programming language ନାହିଁ, ଏହି ଏକ

Markup Language + HTML ଧାରାଯେ ହୁଏ ମରଜୁ ହେଲା

ପେଜ ତବି ହୁଏ ।

ସେ କିମ୍ବା Markup tag ହେଉଥାଏ ପାଇଁ ୨୦୯
ଧାରାଯେ ଡେଫେଣ୍ଟ୍ସ୍ page । ୨୦୯- ବାଞ୍ଚିତ କିମ୍ବା (text, image, video)
ପ୍ରେରଣ ହୋଇ ଆଏ ।
document ଗୁଣାଳେ process କରିବୁ webpage କରିବୁ ।

ବିଷୟ-ମାର୍ଗ ।

ଆବଧାରକ : Tim Berners-Lee (1989)

କିମ୍ବା ଉତ୍ସାହ ।

HTML version

HTML → 1991 (version)

HTML+ → 1993

HTML 2.0 → 1995

;

HTML 5 → 2013

HTML এর শুরুতে এবং মিহাবলি

- ↳ দ্রুত সময়ে HTML আখত কোথা পাই ?
- ↳ বিনামূলক এবরূপ কোথা পাই ?
- ↳ ধর্কন্ত Browser HTML মাধ্যমে কোথা ? (Google Chrome, fire fox)
- ↳ Case sensitivity নয়।
 - < HTML > <html>
 - capital / small letter এর মধ্যে কোথা ? (Capital)
 - keyword.
- ↳ HTML এ (সবুজ) webpage Load করতে কোথা মাধ্যম লাগে ?
- ↳ HTML এ Text, image, audio, video কোথা ?
কোথাকে কোথা মাধ্যমে কোথা ?

অসমীয়া :

1. Code লিখাটো মুগ্ধ সিন্টাক্স কোথা গাথাও ?
 2. Dynamic page কোথা মাসন ?
→ (বাইবান চৰ্যা) update কোথা আচা ? ex: cricket live score
 3. Web designer VS Web developer কোথা ?
- (X) HTML Dreamweaver
(SS.)

Basic

html → how to structure a web page পোর্ট
 CSS → how to style, a সূচনা পোর্ট "ৰাখি কৰিবো" কৰিবো
 PHP → how to make a web page interactive
 MySQL → how to load and save information
 from a web page.
 data base সঁজের ভাষা language.

(১)

HTML Tag & HTML element

Tag: এটা HTML গুৰুত পৰা HTML document
tag গুৰুত সিদ্ধি
ex: <P> ৰাখিবো is paragraph </P>
opening tag element closing tag

বিন্দু

1. HTML Tag গুৰুত কোনো keyord, যোৱালৈ উভয় দাবী
 • Angle bracket (<>) ৰাখিবো যোৱাবলৈ উভয়
2. Tag বৰ্ণনা জোড়াই (জাভা) ৰাখিবো
ex: <P> ... </P>

Tag

1. Container tag : opening & closing tag

ex: <P> </P>

2. Empty tag : closing tag without

only opening tag

ex:

1. <!doctype html> // comment, no tag

2. <html> // 2, 3, 6 → Container tag

3. <head> // 7, 8 → empty tag.

4. <title> first website </title>

5. </head> () + text right

6. <body> // content

Bappa
 Hellow world

</body>

</html>

• # HTML Attribute

১০ HTML Tag এর ক্ষেত্ৰফলাত (বজাৰীয়া টন) attribute
attribute value

ଶିଖିତ ୨୫

ex:

attribute
name
tag
<body>
log colour = "green" >

Syntex

</body>

HEADS

< tag attributename = "attribute" value >

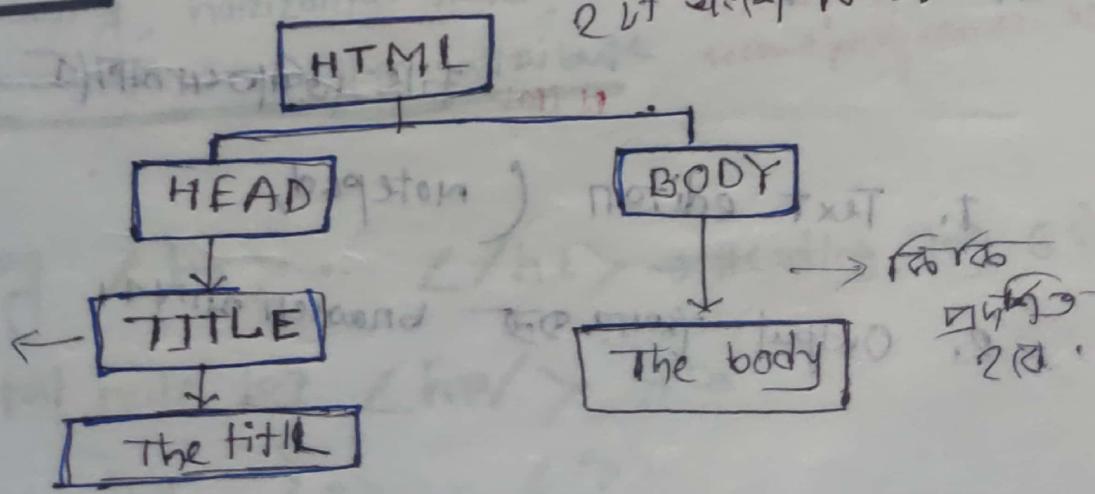
କ୍ରମିତ ତଥା ଗ୍ରେ ମାଟ୍ରା ଏକାରିକ ଅତିବେଳେ ଉପରେ ଲାଗିଥାଏଇବା ହେଲାଯାଇଛି।

 Bappa saba

18

HTML এর মাধ্যমে গতি <1000

Basic Structure:



`<!doctype html>` → browser এর প্রথম পেজ হবে
বিনামূলক document browser এ

`<html>` → opening html tag.

`<head>` `</head>` `<head>` → page title লিখতে পারি

`</>` `= smarttag প্রয়োজন`

`<body>` `</body>` `<body>` → প্রথম উপরে
CONTENT `</>` লিখতে পারি web page
গুরুত্বপূর্ণ

`</html>`

HTML file তৈরি করতে পারি

1. Text editor (notepad)

2. Output (browser) browser নির্ভর

HTML

9

HTML program

first program.html → chrome.

```
<!document html>
```

```
<html>
```

```
<head>
```

```
<title> bappasaha </title>
```

```
</head>
```

```
<body>
```

yellow word $\backslash br \rangle$ → new line

My name is bappa $\backslash br \rangle$

```
</html>
```

```
</body>
```

16

Heading, horizontal rule,
paragraph tag, align attribute

Second program 00.html
Second program 01.html
Second program 02.html

- Heading tag $\langle h_1 \rangle \dots \langle /h_1 \rangle$ → heading tag 6th
- Horizontal rule tag $\langle hr \rangle$ 1/2
- paragraph tag $\langle p \rangle \dots \langle /p \rangle$
- Align attribute