**1st Video**

Ekta website e tinta jinish thake

1. Content layer: content jekhane thake ja html diye created
2. Presentation Layer: css ja diye design kora hoy
3. Javascript: ja diye move henten kore

Ei 3 ta milaye ekta website create hoy

Head main website e dekha Jayna

Website colorful or attractive korte css use korbe. Ja 3ta basic part er ekta part.

CSS: Cascading Style Sheets

Sheet 🡪 Kono document e onk jinish lekha thake

Style 🡪 Style korbe

Cascading 🡪 last jinish jeta lekha oita fix hoy ager gula batil hoy. Mane Prothom h1 e color red dile and pore abr color green dile color green hobe.

Website ke design kora css er kaj.

Website color, position change animate korte pare.

CSS rules:

P{color:red}

P 🡪 selector

Color🡪 style rule, style property

Red🡪 style value

Color:red 🡪 declaration

Types of CSS:

1. Inline CSS: HTML je line e ache oi line ei css add kore dite pare. Tag er moddhei attribute hishabe dibe style att e.
2. Internal CSS (embedded): head tag e dibe style tag e
3. External CSS: alada file mane style.css file e css code likhbe. Ja link kore dibe html file er sathe.

**2nd Video**

Style attribute use kore css style inline e deya jay.

Color 🡪 diye color dey text er

Background-color🡪 text er bg er color dey

Inline e dile

Style rule: value;

Ebhabe dibe jemon

Color: red;

* Inline e css reuse kora Jayna. Dhore dhore shobkhane style deya lage.

Internal:

Head e style tag use korbe. Ja onk style ekbare use kora jabe. Jar jonno selector use kora lagbe.

Tag gula selector hoite parbe.

Jemon li ke color korbe then

li{

Color: red;}

Color koyekbhabe represent kora jay: rgb, hex, hsl ekta color ke represent kora jay. Rgba mane opacity kom beshi kora jay.

Width set kora jabe. Px use kora jabe. Tachara use korbe em, rem.

Em🡪 parent er size onujaie korbe.

Rem🡪 root er comparative. Root er size er comparison.

%--> percentage

Vw🡪 je device e dekhacche oi device er koto tuku width use hocche

Vh🡪

**3rd Video**

500 px dile oita fixed jinish browser choto boro korleo oituki thakbe

Relative korte chaile browser onujaie change hobe. Mane half dile always e half thakbe size onujaie.

Selector:

Tag selector hishabe use korle dekha jay oita joto tag banana hok shobgulatei oita apply hoy.

ID selector diye ekjon kei style kora jay. Ja unique hobe and onno karo ei id thakte parben.

Id css e lekhar niom hocche # diye start kora. Jmn #short

Text-align 🡪 text take center e ane jaygar. Jemon center, right

Font-size🡪 font er size boro choto kora jay

Font-weight🡪 font ke bold ba more thick kora jay

Id diye specific kora jay

Olpo kichuke style korte hoile class use korbe. Class=”player”

Class css e mention korte use korbe dot. Mane .player diye css diye {} er bhitor

CSS Selectors

1. Class: koyekjonke same style dite. Use dot
2. ID: unique e thakbe ekjon kei style kora jabe oi nam diye. Use #
3. Element/Tag: tag name diye style dey
4. Universal: shob element er upor style dite use kora hoy. Asterisk diye style dey.
5. Grouping Selector and Attribute selector: ekdhik selector eksathe use kore style deya jay. Jemon anchor and button duikhanei apply kora jay
6. Attribute: Input tag er special attribute diye style kora jabe

**4th Video**

Alt+Shift chepe down array click korle onk gula duplicate hobe

Font weight e 400 normal 100 chikhon 700 bold 900 onk mota bold. Likheo deya jay bold likhe.

Ekta element e space diye onk gula class use kora jay but ekta element e ekta id e use kora jay

Eksathe duita class ke same style deya jay css e comma separate kore

Comma diye onekgula selector ke same style deya jay.

Universal mane shob element e apply hobe oitay use hobe

Ctrl+/ diye comment kore

Attribute selector e third bracket diye kon type e style dibe tate style deya jay.

Text er specific portion e style korte span use kora jay. Jate class use kore style korai jay.

Eksathe onkgula tag ke style korte ekta div e shob tag gulake contain koraye then style korlei hoye jabe.

**5th Video**

Border dile er value first e size deya lagbe jmn 20px and then ki type er hobe tar jonno solid add korbe. Then color add korte parbe.

Border er redius dite parbe jmn 10px ba smooth korte

Specific side eo border deya jay jmn top, right bottom etc

Ek side e border nao dite parbe using border none. Solid er poriborte dash diyeo korte parbe

By default browser margin diye dey kichu. Margin 0 kora jay chaile using universal selector

Margin 10 px dile shob dike theke margin dite parbe

Margin 1ta man hoile charphase jabe, 2ta man dile top and bottom e 1st ta and 2nd ta jabe left right e 3ta man dile 1st ta top 2nd ta left and right e jabe 3rd ta jabe bottom e. 4ta man o deya jay,

1st🡪 top

2nd🡪 right

3rd🡪bottom

4th🡪left

**6th Video**

Padding dile screen theke bhitorer dike ektu shore ashe,

Padding ekta man dile 4dik theke space nibe

Padding 2ta man dile top and bottom, and porer ta jabe right and left

3ta man dile top, left and right, bottom

4ta man dile top right bottom left onujaie jabe

Box define hoy 4ta jinish diye.

1st depend korbe content er upore. Content beshi hoile beshi jayga nibe kom hoile kom

2nd depend korbe border er upore. Box kototuku nibe jayga ta border er upore thik korbe

3rd depend korbe margin er upore.

4th depend korbe padding er upore.

Eitake bole box model

Erpor width and height o add kore.

**7th Video.**

External css ke link kora lage href e filename with extension dibe. Jate bhinno html file e reuse kora jabe

Display diye kono kichu ke hide korte parbe. Visibility hidden koreo hide korte parbe.

Display none e majher jaya gayeb kore dey. Visibility te hidden dileo jayga thakbe jmn chilo but jinish ure jabe

Box shadow deya jay 1st one x axis borabor, 2nd one y axis borabor kintu solid shadow thakbe.

Choranor jonno third value dibe jmn 10px. Margin na dile dekha Jayna tai box shadow dekhaite chaile margin use korbe.

4th value dile color use kora jay.

Font family diye font change kora jay. Onk gula use kora hoy karon konota kaj nak orle onnota kaj kore jate.

Inline element er display ke change kora jay. Jmn span inline element eke block kora jay display diye. Block e height kaj kore inline e na. inline element e margin padding left and right e kaj korbe.

Display inline block korle in line er moddhe thakbe and block hishabeo kaj korbe

**8th video**

Background image use kore image ke fix kora jay. url use kora lage and jodi image oi directory te thake just extension soho nam dilei hoy quotation e.

Onno directory te hoile root e jaite .. use hoy and then folder

Background repeat diye kothay repeat hobe and kmne hobe ta thik kora jay. No repeat dile ekabri dekhabe, repeat x dile x axis e shudhu repeat hobe y dile y te

Background size cover dile whole size cover korbe. Contain dile jototuk ache tototuk use korbe. Manually o fix kora jay.

**9th Video**