

**Please necer kono kichu skip korbenna.. Ar try korben shob kichu serial wise korar....**

## **Basic**

Prothome kichu basic bepar boli za web development er zonno zana lage...

Website dui dhoroner hoy...

1/ static website... ( zei website e shudhu frontend thake... backend er dorkar hoy na... kono database er dorkar hoyna... agulate user kokhono login korte parena... othoba onno kono rokom data dite hoyna... agulo normal html, css, js, bootstrap diye toiri kora zay....

2/ dynamic website... ( ei website gulote frontend and backend dui dhoroner kaj korte hoy.... Agulote user ke website e bivinno rokom data dite hoy... login, register korte hoy... like ecommerce website, blogging website.. Agulor zonno data store korte database er dorkar hoy... agulo banate html, css, js, bootstrap shoho php, laravel, mysql er kaj korte hoy....

Apni prothome front end er kaj shikhben er por backend... tobe akbare shob shikhbenna... Olpo olpo kore dhire dhire...

Tai ami just frontend er kotha boli...

Zeshob zinish shikhbo.....

Frontend er zonno

**1/ html**

**2/ css**

**3/ bootstrap**

**4/ javascript**

**5/ jquery**

## **Working steps**

Akhn bolbo kaj korar zonno zeshob step follow korte hoy

1/ kajer zonno akta folder khulte hoy...

Zekono drive e othoba zekono zaygay project er nam diye akta folder khulte hoy...

2/ kajer zonno kichu file create korte hoy abong shajate hoy...

Zemon html er zonno index.html, css er zonno style.css abong aro kichu.....

3/ starter template banate hoy...

Er mane zoto gulo file emon create korben ta index.html abong onnanno html file er sathe connect korte hoy... zemon link tag use kore html er sathe css connect kora hoy.. And script tag dite js connect kora hoy..

4/ code korte hoy... abong design onujayi shob banate hoy

5/ er por website ta responsive korte hoy... zemon... website ta computer er pasha pashi tablet abong mobile er zonno shajate hoy... zemon section gulo venge venge nece nece ana hoy.. Aro onek kichu...



## Learning steps

Ki ki kivabe abong kontar por ki shikhben,,, kototuku shikhe kivabe practice korben eshob bolar try korbo... cesta korben follow korar

### Part 1: basic of html, creating folders and files and arranging them

Er zonno sir er 15 batch er first video gulo follow korte paren tobe sir amader batch er moto follow na kore.. Kichu kichu basic skip kore gese

Tai html er tag gulo shomporke zante apni aga ai playlist er video gulo follow korte paren...

[https://www.youtube.com/watch?v=n\\_HhXXTJHFg&list=PLm64fbD5OnxuObyOVSxcM0TUcBLDF2w64&index=1](https://www.youtube.com/watch?v=n_HhXXTJHFg&list=PLm64fbD5OnxuObyOVSxcM0TUcBLDF2w64&index=1)

Ekhane 30 ta video ase.. Ak ak ta video 3-10 minute... zehetu aga thekei kichu paren tene tune dekhte apnar highest 40 min theke 50 min lagbe...

Er por sir er 15 batch er first 2 ta video dekhben... ager video gulo dekhle apnar sir er video beshi confusing lagbena,,, apni tkhn nije thekei skip kore kore video dekhben...

sir er video 1

<https://www.youtube.com/watch?v=IAG0f5Ucw4s&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=1>

sir er video 2

<https://www.youtube.com/watch?v=qBSvxq5lyiM&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=2>

## **Part 2: basic of css, how to connect with html and to design...**

Er zonno abaro ami sir er video suggest korbo na... she onek kichu skip kore gese...

Er zonno ei playlist er first **18** ta video aga dekhben...

<https://www.youtube.com/watch?v=SBEI1RaEmT0&list=PLm64fbD5Onxvj4aifOC8P8U8inUqWzdSH&index=1>

Er por sir er 15 batch er 3 no. video and 4no. Video 1:15:00 obdhi dekhben

Sir er video 3

<https://www.youtube.com/watch?v=7dDPUFVlzKk&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=3>

Sir er video 4

<https://www.youtube.com/watch?v=MfxOfkojmhU&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=4> ( 1 ghonta 15 min obdhi dekhben...)

**Practice 1: I love design** psd ta follow kore akta website banaben... er zonno sir er video 3 and 4 er 1:15 obdhi dekhe dekhe sir er sathe kaj korte paren....

Unfortunately psd file ta nei tobe idea lagle amar code tao dekhe dekhe korte paren

<https://drive.google.com/file/d/1-J71CybqNBlgpKJXuxO3VDfvGYE-AZ6J/view?usp=sharing>  
Eta amar code er link....

**Practice 2:** nijer cv banaben... html, css diye.. Canva diye zeta baniyechen otar moto...

**Note:** Ei obdhi shob thik moto korte parsen er mane apnar akhn web development shomporke basic idea eshe gese.. So make sure ze apni ei obdhi valo kore dekhechen.. Ar **practice 1** ta thik moto korte parchen...

### Part 3: making the website responsive and learning about breakpoints...

Akta website bananor por zodi responsive na kora hoy tahole sheta mobile e othoba tablet view te dekhle website ta puroi vanga vanga dekhay... text gulo shob mixed hoye zay... er zonno css e special akta zinish use kora hoy... zetake media query bole...

## Responsive Screen Size Breakpoints

@webstrom\_tech

PHONES		<=	600px
TABLETS		<=	768px
LAPTOPS		<=	992px
LARGE		<=	1200px

Ar break points hocche... kichu default screen size... ze ze point e amra media query use kore website ta responsive kori.. Zemon.. Mobile 600px ... to amra mobile er 600px er zonno media query use korbo evabe

```
@media only screen and (max-width: 600px){
```

```
}
```

Er mane website ta zokhon 600px ba er nece thakbe tkhn tar zonno apni website ta zevabe shajaben media query er vitore ta dekhabe...

Ar eta shikhar zonno sir er 4 no. video 1:15 min er por theke shuru korte paren...

Sir er video 4

<https://www.youtube.com/watch?v=MfxOfkojmhU&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=4> ( 1 ghonta 15 min er por hote dekhben...)

Tacharao css er zeii playlist ta diyechilam otar 29no. Video ta dekhben

<https://www.youtube.com/watch?v=bolrtU2H0XE&list=PLm64fbD5Onxvj4aifOC8P8U8inUqWzdSH&index=29> (eta aga dekhben)

Er sathe sathe inspect kivabe korte hoy and inspect kore ki ki kora zay sheta shikhte hobe,,, eta sir er video te bistarito ki rokom ase zanina... but na bujhle amake knk diben bujhay dibone...

**Practice 3: I love design** er project tai sir ke follow kore responsive koren... tahole idea paben er por aro kichu practice korben....

**Practice 4:** ei psd dheke kaj korben...

<https://drive.google.com/file/d/1SJUbM8ITb2xHT18Mrrqc5NtWUezzz-eE/view?usp=sharing>

Eta akta email template

## Part 4: Advanced css

Css er play list er 19 theke 38 no. obdhi video dekhben...(34 and 37 no. ta bad diben) tahole apni advance level er kichu css sikhben like kono kichu halka color kivabe banay... mouse rakhle color change kore kivabe,,, aro kichu,,,

<https://www.youtube.com/watch?v=WqzrsrydaJw&list=PLm64fbD5Onxvj4aifOC8P8U8inUqWzdSH&index=19>

**Practice 5:** nijer portfolio website abar banaben dekhe dekhe..

<http://daliaakter.mangabookhouse.com>

Er por amar banano ta delete kore apnar banano website online korbo.. Ota hobe apnar banano first live website...

## Part 5: Bootstrap

Bootstrap ki? Eta hocche akta css er framework.... Er mane hocche amra html er tag er class ke call kore css design kortam ota... bootstrap e kichu default design kora thake... shudhu class gulo mone rekhe call korlei design ta eshe pore...

Bootstrap use korar koto gulo shubidha ase

- 1/ css kom likhte hoy
- 2/ mediaquery use kore onek beshi responsive korte hoy na.. Easily responsive kora zay...
- 3/ onek dhoroner advance zinish javascript chara add kora zay like... mobile menu, modal, alert etc.

Ekhane shikhar khub beshi kichu nai... ar onek easy

Ekhane

- 1/ bootstrap grid system.... Sikhte hoy responsive er zonno
- 2/ kichu kichu text edit er zonno and modal, navbar er zonno kaj shikhlei hobe...

Er zonno sir er video er aga ei playlist er video gulo dekhe sesh koren...

<https://www.youtube.com/watch?v=wkSA9bfCmKU&list=PL0b6OzIxLPbz1cgxiH5KCBsyQij1HsPtG>

Ekhane 10-15 min kore 54 ta video ase....

Dekhte para lagle.... Just etuku sikhe rakhen... ze kivabe bootstrap install kore... ar kivabe bootstrap code e apply korte hoy,,, etuku zanle kaj korar time e bootstrap er official website theke code copy kore ana zay.. Mukhosto kora lagbena ar...

Bootstrap official documents: <https://getbootstrap.com/docs/5.3/getting-started/introduction/>

Bootstrap installation video:

<https://www.youtube.com/watch?v=qGxZs0cVNbk&list=PL0b6OzIxLPbz1cgxiH5KCBsyQij1HsPtG&index=2>

Er por sir er 15 batch er 5no. And 6no. Video follow kore practice korben..

Sir er video 5

[https://www.youtube.com/watch?v=hMLtndX\\_5NA&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=5](https://www.youtube.com/watch?v=hMLtndX_5NA&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=5)

Sir er video 6

[https://www.youtube.com/watch?v=hMLtndX\\_5NA&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=6](https://www.youtube.com/watch?v=hMLtndX_5NA&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=6)

**Note:** remember bootstrap er zonno container, row, col class gulo diye responsive sikha ta zoruri... zar zonno bootstrap er playlist er first 8 ta video dekha must...

**Practice 6:** sir er 15th batch er 7,8,9 no. video dekhe apnar favourite nandine project ta kore felben.,...

Sir er video 7

<https://www.youtube.com/watch?v=5mgTWJtxFcA&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=7>

Sir er video 8

<https://www.youtube.com/watch?v=e7mRpQ3M4yo&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=8>

Sir er video 9

<https://www.youtube.com/watch?v=Sc5-scfSui0&list=PLxSLjEW96HoOdvTxhk1OfbDgY3JVUGZ-W&index=9>

**Practice 7:**

[https://drive.google.com/file/d/17IJAauSuyIuSEBIVUSgTk5\\_eW6r3s7Jw/view?usp=sharing](https://drive.google.com/file/d/17IJAauSuyIuSEBIVUSgTk5_eW6r3s7Jw/view?usp=sharing)

Eta akta psd... za shikhsen ota diye banaben nije nije.. Etar zonno kotha theke dekhe dekhe korar option nai... nije nije korben...

**Practice 8:**

[https://drive.google.com/file/d/1HnY69ekP-ax84t3wJ7wvtMtXcPkCUqA\\_/view?usp=sharing](https://drive.google.com/file/d/1HnY69ekP-ax84t3wJ7wvtMtXcPkCUqA_/view?usp=sharing)

Eta akta psd... za shikhsen ota diye banaben nije nije.. Etar zonno kotha theke dekhe dekhe korar option nai... nije nije korben...

## Practice 9:

<https://drive.google.com/file/d/1HQJAcZUskRFCmCpiYexeOiHpma6lzt8Y/view?usp=sharing>

Eta akta psd... za shikhsen ota diye banaben nije nije.. Etar zonno kotha theke dekhe dekhe korar option nai... nije nije korben...

**Note: Congratulations**... ei obdhi zodi shob serial wise,,, kore ashte paren ar shei 9 ta practice zegulo dilam ogulo zodi serial wise kore ashte paren.... Tahole apni akhn choto khato level er client project handle korar zoggota rakhen....

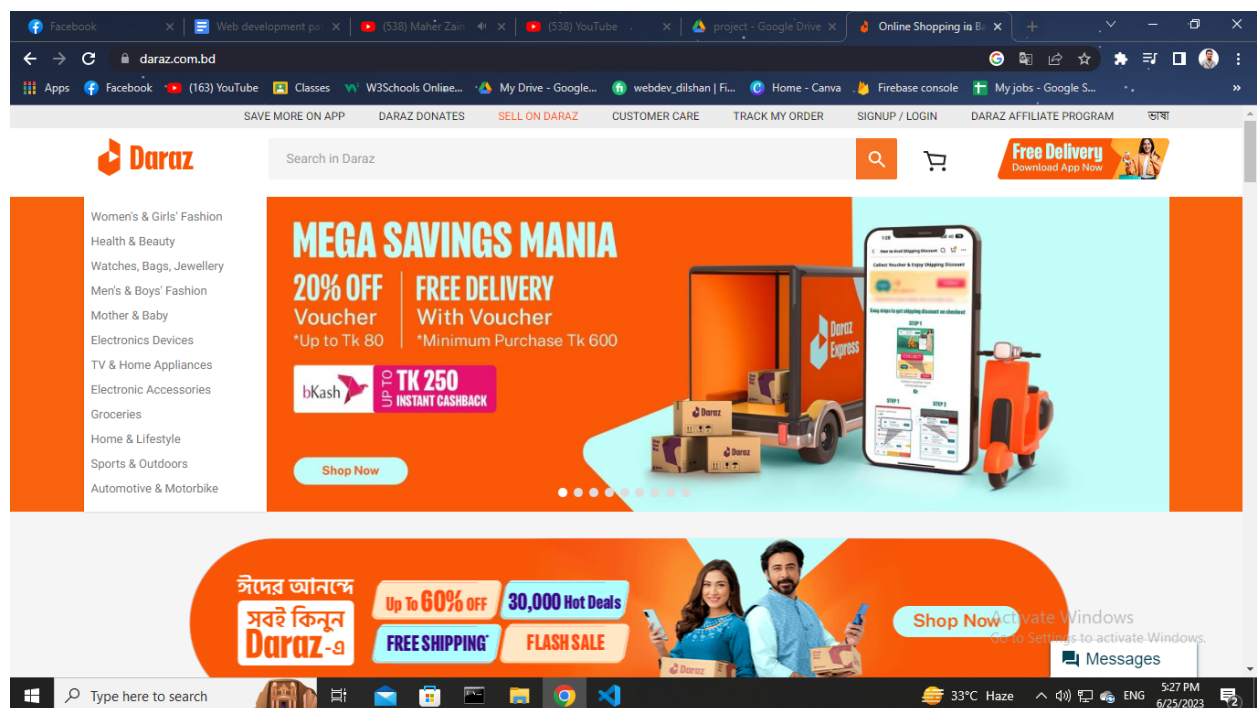
**Note:** zokhon kono website er kono part dekhen bujhte parben oi website er oi part ta kivabe kora hoyeche,,, tkhn bujhe niben.. Apnar progress valo ei obdhi,,,

## Part 6: Using javascript plugins

Javascript plugins ki.... Onek dhorer jinish ase animation type er ba aktu nora cora kore ei type er zinish gulo shudhu html, css, bootstrap diye kora zayna....

1/ slider add kora (slider hocche website er boro boro banner zegulo thake shegula move kore aktar por akta ashe... as example apni zodi daraz e dhuken <https://www.daraz.com.bd/> dekhben akta zinish slide kortese... akebare shuru te

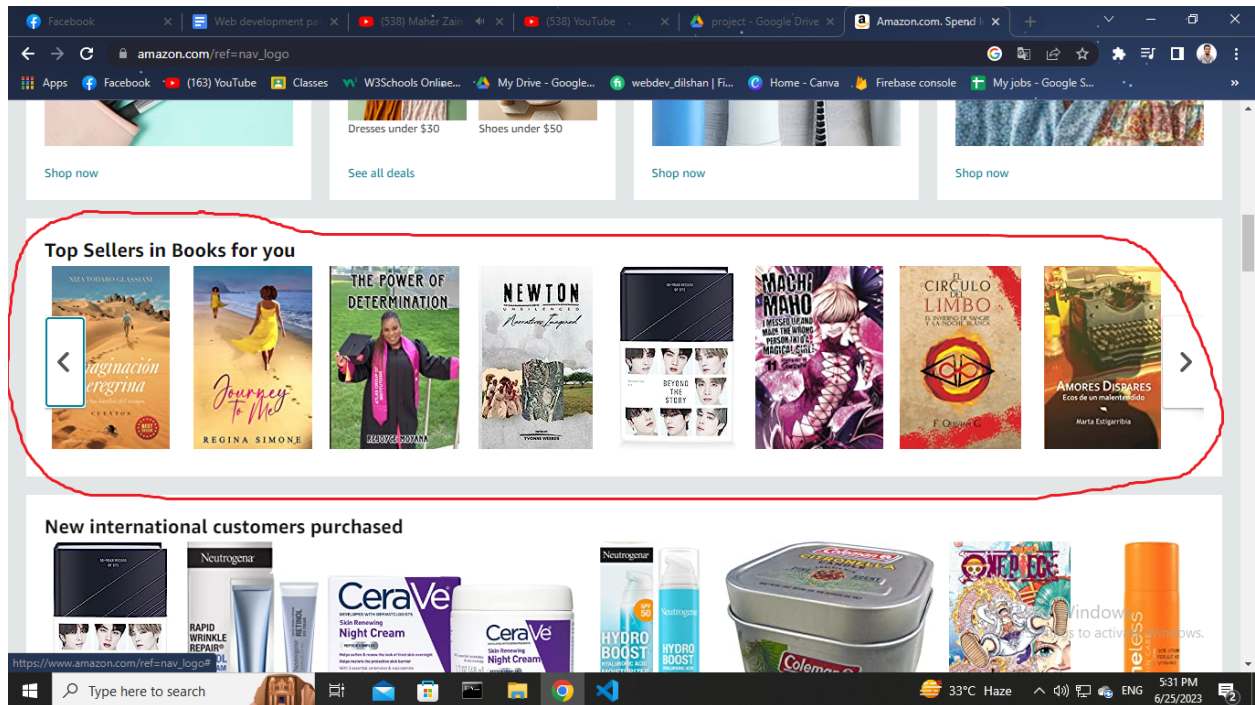
)



2/ carosel add kora ( carosel hocche onek gulo zinish zokhon pasha pashi scroll kora zay



As example: [https://www.amazon.com/ref=nav\\_logo](https://www.amazon.com/ref=nav_logo) amazon e dhuke aktu nece scroll kore dekhte paren... dekhben ei section ta paben... tahole bujhte parben ze zinish ta ki )



Ami kichu kichu plugin diye dicchi ogula commonly use hoy... shikhe rakhen... er por amra aro sikhbo...

## 1/ splide.js:

Eta use kora hoy slider and carosel dui tar zonno...

<https://www.youtube.com/watch?v=7csZZTvtKF&t=442s>

Ei video ta dekhte paren er theke valo video paini na bujhle ami bujhay dibo ne...

Tacharao ei <https://splidejs.com/> website e gele shob documentation dewa ase... ze ki dhorerer slider and carosel apni banate parben eta install kore and ki ki korte hobe...

## Practice 10:

<https://drive.google.com/file/d/1NyAvzqShNgrQrS2B3QF2eerJ3rEdfrjQ/view?usp=sharing>

Ei obdhi sikhe zodi ei kaj ta korte paren tahole apni zekono rokom website er design korte parben...

**Note:** hope ei obdhi buijhte kono problem hobena... er pore aro onek kichui ashbe ogula kaj korar shomoy sikhe niben... apadoto eta koren.