BePro IT Academy content plan:  
(6+1 oy)

**HTML:**  
1.Dasturlashga kirish.

— Ustoz kim? Qanday tajribasi bor?   
— Dasturlash nima?  
— Dasturchi kim?   
— Frontend, backend, mobile, designerlar kimlar va ularning vazifalari!  
— Dasturlashdagi qiyinchiliklar...  
— Soft skillar / sms yozish qoidalari.  
— Foydali linklar

2.HTML nima va nazariy tushunchalar:

— HTML nima?  
— HTML, CSS, JS va ReactJS nima va ularning ishlatilish o'rni.  
— HTML o'rganib ishga kirsa bo'ladimi?

3.VS code o’rnatish

— VS code nima?  
— File yaratish  
— Eski versiyadagi computerlar uchun VS Code  
— VS Code sidebar vazifalari.  
— HTML uchun kerakli extensions  
— Code formatter settings  
— Shortcuts

4. Birinchi dasturni yozish | Tags

5. Formatting tags

6. File path

7. Link | Attribute

8. style attribute | style tag

9. CSS Selectors in HTML

10. Image

11.Table and Lists

12. Block | Inline

13.Media and Iframe

14.Forms  
15.Semantic tags

16.Entities  
— Binary number theory  
— ASCII Table  
— ISO-8859  
— UTF-8  
— Charset  
— Symbols

17.Svg vs Canvas  
  
**CSS:**

1. CSS ga kirish va html va cssni bog’lash
2. Css da terminal bilan ishlash
3. Selectorlar va colors
4. Bem metodolgy
5. Background and border
6. Margin,padding va width,height
7. Display,Inline va block,float
8. Navbar project width display inline
9. Flex
10. Grid
11. Text shadow ,Outline,fonts
12. Landing page
13. Position
14. Pseude classes
15. Units and gradient colors
16. Transform xossalari
17. Transition and animation
18. Animation pro

**SASS:**

1. Sass ga kirish => variables
2. Nesting and partials,modules
3. Mixin and functions

**Bootstrap:**  
1.Bootstrap ga kirish

1. Bootstrap colors [link](https://getbootstrap.com/docs/5.1/customize/color/)
2. Bootstrap container (sm, md, lg, ... fluid) [link](https://getbootstrap.com/docs/5.1/layout/containers/)
3. Bootstrap row, columns and gutters (col-1, col-2, ... col-6) [link](https://getbootstrap.com/docs/5.1/layout/containers/)
4. Practice with gutters
5. Button component
6. Typography <https://getbootstrap.com/docs/5.0/content/typography/>
7. Border
8. Bootstrap
9. Form control, form label, types [file, number, phone...], readonly
10. Form all autocomplete, spellcheck
11. Select
12. Inputs and Radios
13. Sardor og'a regular expressions [link](https://t.me/sardoroga_blog/169)
14. Components Tayyor elementlar to'plami (Alerts, Badge, Modal)
15. Attributlar (tabindex, spellcheck, autocomplete)

3.Bootstrap components

* Navbar
* Carusel
* Accordion
* Alerts
* Badge
* Breadcrumb
* Button group
* Card
* Close button
* Collapse
* Dropdowns
* List group
* Modal
* Navs and tabs
* Offcanvas
* Pagination
* ....

**TAILWIND CSS**

1. Tailwind CSS ni ulash vs Boostrap
2. Components Tailwind CSS

**JAVASCRIPT**

*1. JS ga kirish | Variables |Data types  
2.Type conversion | Operators |Comparision |Logical operators  
3.If else |nullish  
4.Switch | for loop  
5.While | Do while |Functions  
6.Object basic*

*7.Advanced object*

*8.Numbers  
9.String  
10.Array basic  
11.Array advanced  
12.CRUD methods  
13.Destructure |new Date() |JSON*

*14.new Map |new Set |WeakMap |WeakSet*

*15.Recursion functions*

*16.Scope and closure*

*17.setTimeout() and setInterval()*

*18.Advanced obeject | setter and getter  
19.prototype and \_\_proto\_\_*

*20.Classes  
21.Error handling(try catch) |callback |promise |async await  
22.DOM selectors and events  
23.DOM Event lifecycles*

*24.fetch and axios  
25.localStorage and sessionStorage,indexedDB,cookieStorage*

*26.event loop*

***TYPESCRIPT***

1. *JavaScript vs Typescript*
2. *Core types in Typescript*
3. *Repeating and Functional types*
4. *Type assertion and TS config*
5. *Classes in TypeScript*
6. *Advanced types and functions overloading*
7. *Path and Decorators in TS*
8. *Interview questions in TS*

***REACT JS***

***1-dars*** *- npx create-react-app,props, components**2****-dars*** *- state****3-dars*** *- function call*

*4****-dars*** *- styled-components****5-dars*** *- inheritance*

***6-dars*** *- YouTube Clone****7-dars*** *- map, render va key**8****-dars*** *- ReactJS => 7 Lifecycles  
- bind => 3 ways*

***9-dars*** *- Class vs Hooks components****10-dars*** *- useEffect*

***11-dars*** *- useReducer*

***12-dars*** *- state management?  
- prop drilling?  
- lifting state up?*

***13-dars*** *- ContextAPI****14-dars*** *- useContext advanced,LocalStorage****15-dars*** *- react optimization****16-dars*** *- useRef, restfull API  
- controlled vs Uncontrolled*

***17-dars*** *- axios**18****-dars*** *- React Router DOM 5 va 6****19-dars*** *- HOC****20-dars*** *- React 18V****21-dars*** *- AntDesign  
- Material UI(MUI)*

*22-dars- React Bootstrap*

*23-25-dars –****Redux,Redux toolkit***

*25-28-dars –* ***Next JS***