1. **WWW :** This should be a presentation of maximum 1 hour
    a. What is WWW
    b. How internet works
    c. URL, HTTP & HTTPS
    d. Web Browser
    e. What is a websites
        i. Static Websites
        ii. CMS Websites
        iii. Web Applications
    f. Web Framework -- For Building application
    g. Why we need security in web application
    h. What is Cloud?
    i. What is a Web server?
    j. What is DNS
    k. FTP & SSH
    l. What is an OS
    m. UNIX & LINUX
    n. What is API
    o. HTTP Status Codes - https://en.wikipedia.org/wiki/List_of_HTTP_status_codes
    p. Scaffolding, what is it? // https://www.tutorialspoint.com/web_developers_guide/web_basic_concepts.htm
    a. Why Performance is important

2. **Mobile Platform ---**
    a. Mobile Application
    b. Cross Platform

3. **LINUX Basics : 1 Days**
    a. File system hierarchy
    b. Users and groups
    c. Basic commands
    d. Editors
    e. File permissions
    f. IDE

4. **HTML : 2 days**
    a. What is HTML?
    b. Tags
    c. Block and inline elements
    d. Attribute
    e. Styles
    f. HTML forms

    g. Iframe
    h. XML
    i. RSS Feed
    j. Version Control
        i. GIT

5. **CSS : 1 Day**
    a. What is CSS?
    b. Selector, declaration, property and value
    c. ID and class selectors
    d. Insert CSS to html
    e. Advantages

6. **JavaScript : 2 Days**
    a. What is JavaScript?
    b. Syntax
    c. Data types
    d. Functions
    e. Events
    f. Math
    g. Date
    h. Conditional statements
    i. Loop
    j. JavaScript Break and Continue
    k. Error handling
    l. Form validation
    m. HTML Dom
    n. Ajax

7. **Jquery : 2 Days**
    a. JavaScript library
    b. Plugins
    c. Serve via CDN
    d. Syntax
    e. Selectors
    f. Events
    g. Callback function
    h. Content and attributes
    i. Ajax

8. **Bootstrap : 2 Days**
    a. Responsive design
    b. Why use Bootstrap?
    c. Bootstrap grid system
    d. Media queries
    e. Responsive images
    f. Forms
    g. Button
    h. Helper classes

9. **TEST / DEMO**
10. **Python : 5 Days**
    a. What is Python?
    b. Syntax
    c. Comments
    d. Data types
    e. Operators
    f. Control flow statements
    g. List comprehension
    h. Functions
    i. Classes
    j. Imports
    k. Error handling
    l. Documentation
    m. Tools
    n. Decorators
    o. Lambda functions
    p. Generators

11. **Django: 5 Days**
    a. Web framework
    b. MVC
    c. Why Django?
    d. Concepts/Best Practices
    e. Django Project Layout
    f. Django Apps
    g. Models
    h. ORM
    i. Function vs. Class Views
    j. Django Templates
    k. Urls.py
    l. Forms in Django
    m. Request & Response

n. Django Extras
o. Authentication
p. Sending Email

12. Others : 2 Days

a. IDE
b. What are APIs?
  i. API
  ii. Django rest framework
c. Social authentication
  i. What is social auth
  ii. django-allauth
d. Project debugging
  i. PyCharm
e. Server & Deployment
  i. Web server and Web server gateway interface
  ii. AWS
f. Version control tools
  i. Git
  ii. Github
  iii. Bitbucket
g. Default details to take care in every website development
  i. SEO
  ii. Robots.txt
  iii. Sitemap.xml
  iv. Admin customization
  v. Sentry/ admin email configuration
  vi. Mail services
  vii. 404 and 500 pages
  viii. Object level permission
  ix. Google Analytics
h. Concept of agile development.
  i. Sprint
  ii. Project life cycle
i. What is continuous integration
  i. Version control
  ii. Staging server
  iii. UAT server
  iv. Production server
  v. Jenkins
j. Things to keep in mind when handling client calls
k. Email etiquette

13. Sample project : 5 Days