



# WEB DEVELOPMENT

INTRODUCTION CLASS



# TODAY'S AGENDA

- ABOUT WEB DEVELOPMENT COURSES
- WHAT ARE LANGUAGES
- FRONT END & BACK END LANGUAGES
- COURSE OVERVIEW
- SETUP





# COURSES

- 1.1 HTML CSS
  - 1.2 HTML CSS JAVASCRIPT
  - 1.3 HTML CSS BOOTSTRAP
  - 1.4 HTML CSS JS PHP
- 2.1 FRAMEWORK
  - 2.2 DJANGO
  - 2.3 EXPRESS

# LANGUAGES

Language is a mode of Communication between two body.

PROGRAMMING LANGUAGE : It is defined as the conversation between a human & Computer.

ENGINE : It converts this Languages into Machine Language(Binary)

MARKUP LANGUAGE :A Language use to Design a Structure



# FULL STACK

## FRONT END LANGUAGE

The term “front-end” refers to the user interface that work on what the user can see The front-end is built using a combination of technologies such as Hypertext Markup Language (HTML), JavaScript and Cascading Style Sheets (CSS).

Front-end developers design and construct the user experience elements on the web page or app including buttons, menus, pages, links, graphics and more

## BACK END LANGUAGE

The term back-end” means the server, application and database build the infrastructure that supports frontend The back-end, also called the server side, consists of the server which provides data on request, the application which channels it, and the database which organizes the information. There are a wide variety of frameworks and languages used to code the application, such as Ruby on Rails, Java, C++/C/C#, Python and PHP.

## DATABASE

A database is an organized collection of data, so that it can be easily accessed and managed . The main purpose of the database is to operate a large amount of information by storing, retrieving, and managing data. There are many databases available like MySQL, Sybase, Oracle, MongoDB, Informix, PostgreSQL, SQL Server, etc.

# COURSE CURRICULUM

## HTML

INTRODUCTION TO HTML  
ELEMENTS OF HTML  
CLASSES IN HTML  
FORMS & LIST IN HTML

## CSS

CSS & IT'S TYPES  
CSS BOX MODEL  
CSS CONTAINER  
CSS PSEUDO CLASS & ELEMENT

## JAVASCRIPT

INTRODUCTION TO JS  
VARIABLE & DATA IN JS  
FUNCTION  
JS WITH HTML

# ROLES



## HTML

The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser.

Used for making Structure



## CSS

Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language .

Used to Design the structure



## JS

JavaScript, often abbreviated as JS, is a programming language that conforms to the ECMAScript specification

Used to chnage the behaviour of Structure

# SETUP IN VS-CODE

HTML CSS JS



# TRY AND LEARN

## ACTIVITY

ADD INSTRUCTIONS OR GUIDELINES HERE.  
YOU CAN ALSO PUT IN THE AMOUNT OF TIME  
ALLOTTED FOR THIS.





## LOOK AT THESE ILLUSTRATIONS

Individual exercises extend a student's grasp of the lesson. It allows them to synthesize on their own and think of ways they can apply their new learnings in real life.

Aside from seatworks, student-led activities that can be done by pairs or by group widen their grasp and interpretation of the lesson.

Be creative with the activity with clear directions and a set number of minutes to finish.

# WORKSHEET

ADD INSTRUCTIONS OR GUIDELINES HERE.  
YOU CAN ALSO PUT IN THE AMOUNT OF TIME ALLOTTED FOR THIS.

## QUESTION

Write the question you want to ask  
your students and allot space for  
the answers.

## ANSWER

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## QUESTION

Write the question you want to ask  
your students and allot space for  
the answers.

## ANSWER

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## QUESTION

Write the question you want to ask  
your students and allot space for  
the answers.

## ANSWER

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# WATCH THIS VIDEO

Let your students watch relevant educational videos that help reinforce the lesson for the day.

It's no secret that it helps students stay interested and engaged. Duplicate this page as many times as needed.







Photos or screenshots of relevant articles are also effective in reinforcing a class lesson. Maximize this space for additional resources you want to share with your students.



It's something they can easily look back on or search online in case they need a refresher. Duplicate this page as many times as needed.



# CLASS DISCUSSION

ADD INSTRUCTIONS OR GUIDELINES HERE.  
YOU CAN ALSO PUT IN THE AMOUNT OF TIME ALLOTTED FOR THIS.



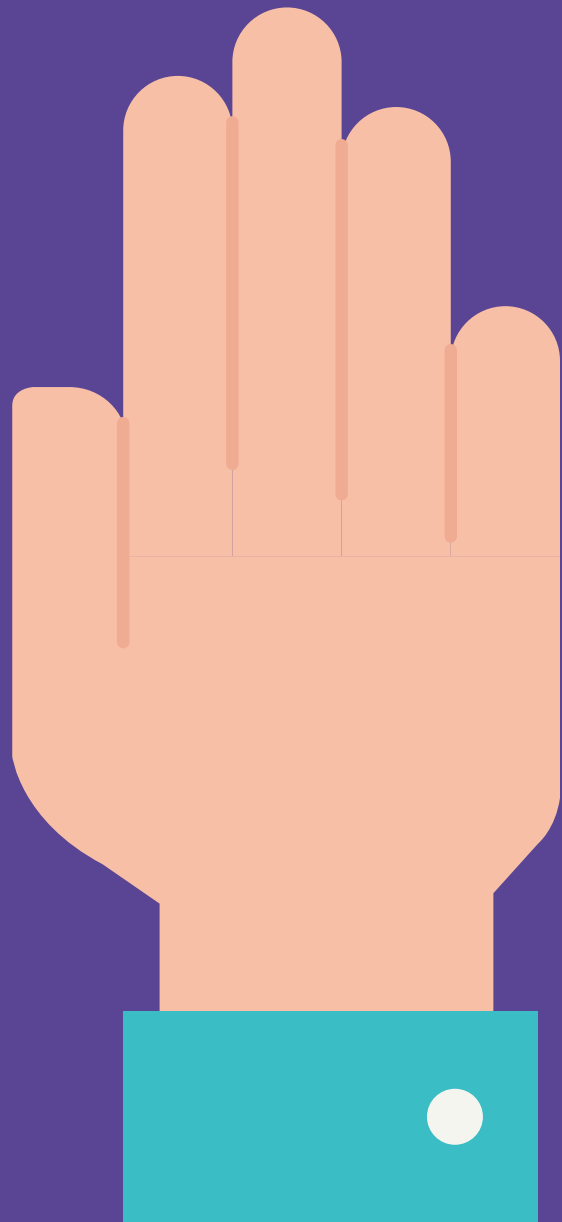
## PROBLEM 1

Write the first question here.  
It can be answerable with a multiple choice,  
an opinion, or a yes or a no followed  
by a brief explanation.



## PROBLEM 2

Write the first question here.  
It can be answerable with a multiple choice,  
an opinion, or a yes or a no followed  
by a brief explanation.



# RECAP OF TODAY'S CLASS

## RECAP 01

Cap off a productive class with key summary points students can easily remember.

## RECAP 03

Recaps can also be led by students for a more enriching experience.

## RECAP 02

You can provide this for the class as a way of formally wrapping up everything discussed.

## RECAP 04

Summaries and recaps also reinforce the objectives laid out before the class started.

# THANK YOU!

USE THIS SPACE FOR ANNOUNCEMENTS,  
HOMEWORKS, OR WAYS STUDENTS CAN APPROACH  
YOU IF EVER THEY HAVE QUESTIONS.





# STEPS TO ADD TYPEFORM ON YOUR CANVA DESIGN

CLICK THE LINK TO THE FORM ON THE CANVA PRESENTATION.  
IT WILL DIRECT YOU TO TYPEFORM.

## ON TYPEFORM

- Create or log in to your account.
- You will see a duplicate of the form in your account.
- Customize the form and publish.

## ON CANVA

- Connect your Typeform account to your Canva account. On the left side of the editor, click More and select Typeform under Apps and Integrations.
- Back to your Canva design, replace the old form with your published form.

## FORMS YOU CAN ADD AT THE START OF THE PRESENTATION:

ATTENDANCE FORM AND STUDENT CHECK-IN FORM.

## FORMS YOU CAN ADD AT THE END OF THE PRESENTATION:

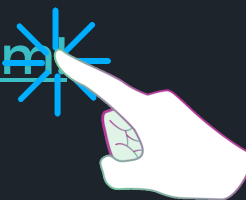
QUIZ, STUDENT SURVEY, AND FEEDBACK FORM ON THE CLASS OR TEACHER.

Let's have a **quiz** before we go.

**I'm ready!**

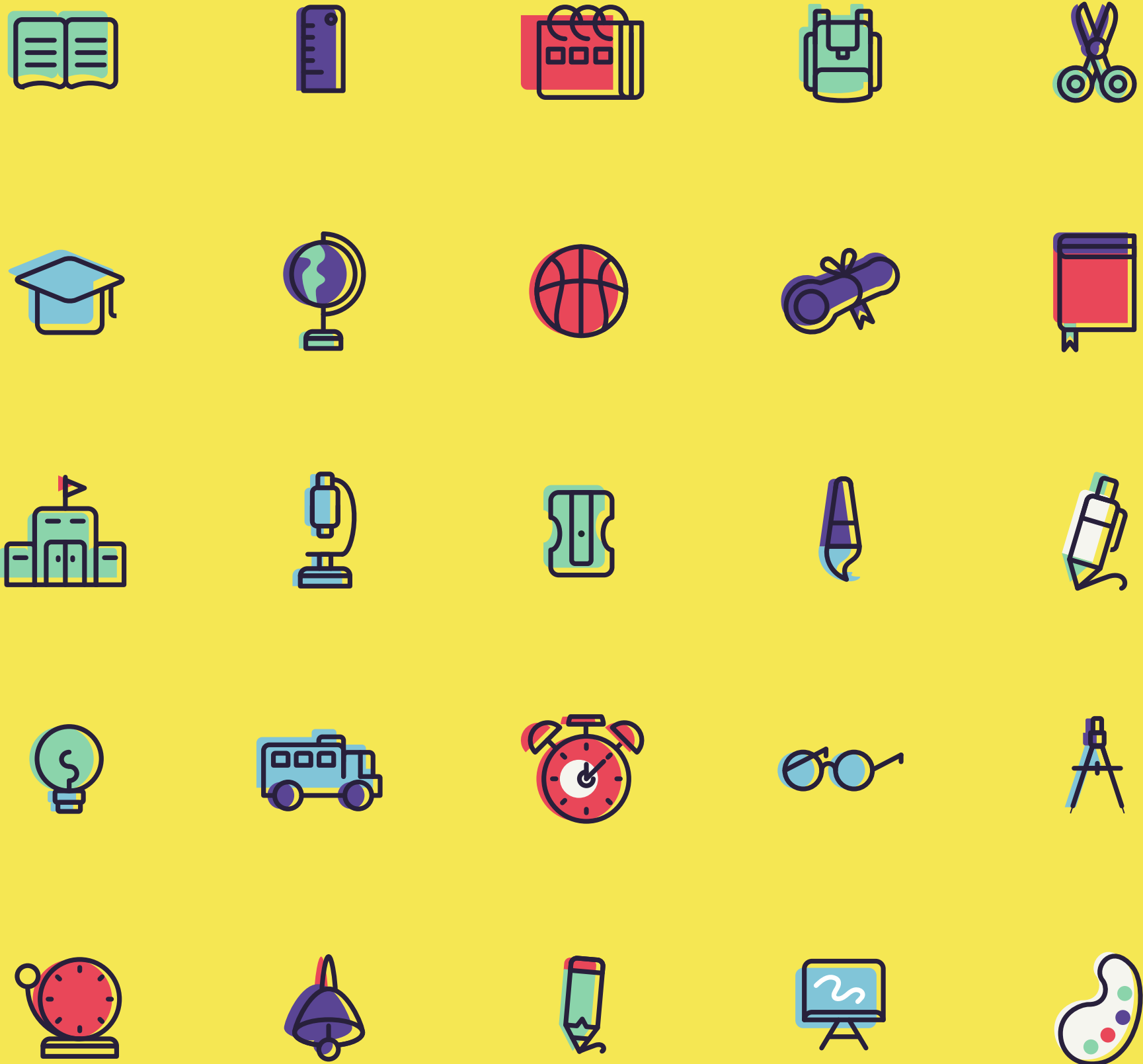
press Enter ↵

[Click here to customize your own Typeform](#)



# FREE ICONS RESOURCES

USE THESE FREE RECOLORABLE  
ICONS AND ILLUSTRATIONS IN  
YOUR CANVA DESIGN



# FREE ILLUSTRATION RESOURCES

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