# **Student Wiki**

# **Zoom Meeting**

**Will be shared week by week**

# **Official Email**

For anything official or we ask you about in the contract:

[**cohort\_2@meraki-academy.org**](mailto:cohort-2@meraki-academy.org)

# **Student Sheet**

The place to fill any data we ask you about (full name, phone number, email address, GitHub account, LinkedIn account, Projects link, etc) **Link =>** [**HERE**](https://docs.google.com/spreadsheets/d/1IdFuQPvFTSOWLNB58nkU8UXx4yVpZhZ4MYCNZOLvqMU/edit#gid=0)

# **Time Of the Classes [GMT +3] Main Lecture:**

**Alpha: 10:00 AM - 2:00 PM && 2:00 PM - 3:00 PM (extra optional hour)**

**Charlie: 7:00 PM - 11:00 PM && 11:00 PM - 12:00 AM (extra optional hour)**

**English [Thu]: Alpha**: **2 PM - 3 PM || Charlie: 7 PM - 8 PM**

**Fri - Solutions: 3 PM - 6 PM && 8 PM - 11 PM**

**Sat - Help Desk: 3 PM - 6 PM && 8 PM - 11 PM**

# **Official Materials**

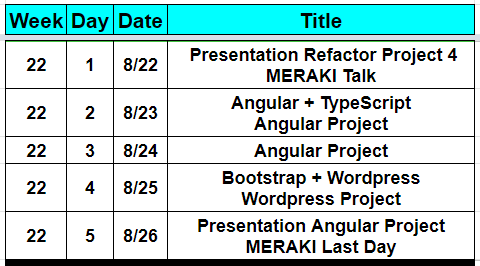
**GitHub**: [**ALPHA**](https://github.com/MERAKI-Academy-Cohort-2/C2-Alpha) **||** [**BETA**](https://github.com/MERAKI-Academy-Cohort-2/C2-Beta) **||** [**CHARLIE**](https://github.com/MERAKI-Academy-Cohort-2/C2-Charlie) **||** [**Problem\_Solving\_and\_Algorithms**](https://github.com/MERAKI-Academy-Cohort-2/Students-Problem_Solving_and_Algorithms)

[**Other\_Materials**](https://1drv.ms/u/s!Av-gxGidmS0Chrp8V8W-e531f_QXiQ?e=heW7q6) **||** [**Shared\_Solutions**](https://github.com/MERAKI-Academy-Cohort-2/C2-Shared_Solutions)|| [**Official Documentations**](https://devdocs.io/)[**Outcomes\_Students\_Folder**](https://1drv.ms/u/s!Av-gxGidmS0Ch8JfdPqO_hRTfX6x9g?e=NouLdc)

\*You need to be signed in (on **Github**) in order to have access

Time Complexity || Data Structures

# **Next Week Schedule**



# **IMPORTANT DEADLINE**

P

# **Outcomes**

## **Important Links:**

1. [**Outcomes Folder**](https://1drv.ms/f/s!Av-gxGidmS0Cgc85UiPImk6MvkMxSw) [**6 Outcomes** check **Recorded Materials**]
2. Outcomes Tab ([**Companies Questions**](https://docs.google.com/spreadsheets/d/1boSQ0M5FPpQxfRoXISkEe9RLVbhm99d0cIdQ84RoBTg/edit#gid=543248027)) in Student Sheet
3. [**Canva**](https://www.canva.com/) **(To Create CV)**
4. [**Jouza Portfolio**](https://m-jouza.herokuapp.com/)

Problem solving

1. ( Math easy Q1,String easy Q1 , String medium Q1 , Array Hard Q1)

**Deadline**: before Thursday’s lecture(20/5/2021)

2 .( Math medium Q1 , String easy Q2 , String Hard Q1, Array Hard Q2)

**Deadline**: before Thursday’s lecture (27/5/2021)

3. ( Array easy Q1,Array medium Q2 , String Hard Q2 )

**Deadline**: before Friday(6/6/2021) 9:00 PM

4. ( Math easy Q2 ,String medium Q2 , Array Hard Q3)

**Deadline**: before 9:00 PM Thursday’s (25/6//2021)

5. ( Array easy Q2,Array medium Q5 , String Hard Q4)

**Deadline**: before Friday(2/7/2021) 9:00 PM

6. (String medium Q3 , Array medium Q4 , String Hard Q3).

7. ( Array easy Q4 , Array medium Q3 , Array Hard Q4 ).

8. ( Array easy Q3 , Array medium Q1 , string medium Q4 ).[**The Link to create a folder with your name and upload your CV inside it**](https://1drv.ms/u/s!Av-gxGidmS0Cgc85UiPImk6MvkMxSw?e=1bZmcY)

1. [**JavaScript 30**](https://javascript30.com/)
2. [**100 Day of Coding**](https://www.100daysofcode.com/)

## **Articles (HR + Interviews):**

1. [**Top 48 Node.js Interview Questions and Answers**](https://www.simplilearn.com/tutorials/nodejs-tutorial/nodejs-interview-questions)
2. [**Top 40 ReactJS Interview Questions and Answers in 2020**](https://www.simplilearn.com/tutorials/reactjs-tutorial/reactjs-interview-questions)
3. [**Top Interview Questions and Answers for Developers**](https://www.indeed.com/career-advice/interviewing/interview-questions-for-developers)
4. [**Professional LinkedIn Profile Checklist**](https://docs.google.com/document/d/e/2PACX-1vRsryXtKM4HTYOujmTsGbU7JT0PSWcVq9xAQlXQEg00rLQMWplLQlxf3PYDIO0YycGduLpClN3f_RN-/pub?embedded=true)
5. [**Top 50 React Interview Questions You Must Prepare In 2020**](https://www.edureka.co/blog/interview-questions/react-interview-questions/)
6. [**22 Important JavaScript/ES6/ES2015 Interview Questions**](https://www.fullstack.cafe/blog/javascript-es6-es2015-interview-questions)
7. [**20 Tricky ES6 Interview Questions to Revamp Your JavaScript Skills**](https://dev.to/aershov24/20-tricky-es6-interview-questions-to-revamp-your-javascript-skills-5a4o)
8. [**JavaScript Interview Questions**](https://www.testdome.com/d/javascript-interview-questions/2)
9. [**How to prepare for a technical interview**](https://www.freecodecamp.org/news/interviewing-prep-tips-and-tricks/)
10. [**9 Essential Tips on How to Tackle a Coding Challenge**](https://www.codementor.io/@npostolovski/9-essential-tips-on-how-to-tackle-a-coding-challenge-argfuyqz9)
11. [21 Job Interview Tips: How to Make a Great Impression](https://www.indeed.com/career-advice/interviewing/job-interview-tips-how-to-make-a-great-impression)
12. [**How you can land a coding job with very little experience**](https://www.freecodecamp.org/news/how-you-can-land-a-coding-job-with-very-little-experience-b96517e00da7/)
13. [**I spent 3 months applying to jobs after a coding bootcamp. Here’s what I learned**](https://www.freecodecamp.org/news/5-key-learnings-from-the-post-bootcamp-job-search-9a07468d2331/)

## **Website Application:**

1. **LinkedIn**
2. [**Indeed**](https://www.indeed.com/)
3. [**Google**](https://careers.google.com/jobs/results/)
4. [**Angel List**](https://angel.co/)
5. [**Talent Hubstaff**](https://talent.hubstaff.com/)
6. [**Stack Over Flow**](https://stackoverflow.com/job)
7. [**Crossover**](https://www.crossover.com/jobs)
8. [**GitStart**](https://www.gitstart.com/Careers)
9. [**ShortPoint**](https://jobs.shortpoint.com/)
10. [**Bayt**](https://www.bayt.com/en/jordan/)
11. [**Total Jobs**](https://www.totaljobs.com/)
12. [**Reed**](https://www.reed.co.uk/)

## **Resume (Articles):**

1. [**What-to-include-on-a-resume**](https://www.indeed.com/career-advice/resumes-cover-letters/what-to-include-on-a-resume)
2. [**Resume-objective-examples**](https://www.indeed.com/career-advice/resumes-cover-letters/resume-objective-examples)
3. [**10-resume-writing-tips**](https://www.indeed.com/career-advice/resumes-cover-letters/10-resume-writing-tips)
4. [**Words-to-avoid-and-include-on-a-resum**](https://www.indeed.com/career-advice/resumes-cover-letters/words-to-avoid-and-include-on-a-resume)
5. [**Action-verbs-to-make-your-resume-stand-out**](https://www.indeed.com/career-advice/resumes-cover-letters/action-verbs-to-make-your-resume-stand-out)
6. [**6-universal-rules-for-resume-writing**](https://www.indeed.com/career-advice/resumes-cover-letters/6-universal-rules-for-resume-writing)

## **IQ (Tests & Puzzles):**

1. [**Logic puzzles**](http://www.folj.com/puzzles/)
2. [**IQ test 1**](https://www.test-iq.org/?gclid=CjwKCAiAi_D_BRApEiwASslbJ3Rnj5UQL2x30Kyqfx9srqcIzaXuZKx3TiaQyQDxoHsIyuIFh7LmLBoCNN0QAvD_BwE)
3. [**IQ test 2**](https://www.uv.es/~buso/iq/index_en.html)
4. [**IQ test 3**](https://www.free-iqtest.net/)

# **Extra Materials && Resources**

## **Extra Resources**

1. [**Typingclub**](https://www.typingclub.com/)
2. [**The 10 Most Popular Coding Challenge Website**](https://www.freecodecamp.org/news/the-10-most-popular-coding-challenge-websites-of-2016-fb8a5672d22f/) **[Problem Solving websites]**
3. [**jetbrains**](https://www.jetbrains.com/youtrack/agile/?source=google&medium=cpc&campaign=10584091840&gclid=CjwKCAjw64eJBhAGEiwABr9o2KDDGc09WeBt9eqM7AWxdaXyWYkANwT7dM16FkAGn0aSrowix3wkQRoCBPsQAvD_BwE)

## 

## **Books:**

1. [**Programming Notes for Professionals**](https://books.goalkicker.com/)
2. [**JavaScript: The Good Parts**](https://www.amazon.com/JavaScript-Good-Parts-Douglas-Crockford/dp/0596517742)
3. [**The Art of Game Design**](https://www.amazon.com/Art-Game-Design-Lenses-Second/dp/1466598646)
4. [**Clean Code**](https://www.amazon.com/Clean-Code-Handbook-Software-Craftsmanship-ebook/dp/B001GSTOAM)

## **Articles (Technical):**

1. [**ES6-for-humans**](https://github.com/metagrover/ES6-for-humans)
2. [**The Driver-Navigator in Strong-Style Pairing**](https://medium.com/@maaret.pyhajarvi/the-driver-navigator-in-strong-style-pairing-2df0ecb4f657)
3. [**The Scribe VS The Conjurer**](https://medium.com/@salih7/the-scribe-vs-the-conjurer-how-to-be-effective-in-todays-fast-paced-industry-9ab9d841dc80)
4. [**CSS Positioning Explained By Building An Ice Cream Sundae**](https://www.freecodecamp.org/news/css-positioning-explained-by-building-an-ice-cream-sundae-831cb884bfa9/)
5. [**Get Query Strings and Parameters in Express.js**](https://stackabuse.com/get-query-strings-and-parameters-in-express-js/)
6. [**3 Ways to Fix the CORS Error**](https://medium.com/@dtkatz/3-ways-to-fix-the-cors-error-and-how-access-control-allow-origin-works-d97d55946d9#:~:text=The%20error%20stems%20from%20a,the%20browser's%20cookie%20storage%20system.)
7. [**MySQL Tutorial**](https://www.mysqltutorial.org/)
8. [**MySQL W3School**](https://www.w3schools.com/sql/)
9. [**Build Node.js Rest APIs with Express & MySQL**](https://bezkoder.com/node-js-rest-api-express-mysql/)
10. [**Deploying/Hosting Node.js app on Heroku with MySQL database**](https://bezkoder.com/deploy-node-js-app-heroku-cleardb-mysql/)
11. [**How to deploy React App to GitHub Pages**](https://dev.to/yuribenjamin/how-to-deploy-react-app-in-github-pages-2a1f)
12. [**Deploying a React app with React-Router and an Express Backend**](https://dev.to/nburgess/creating-a-react-app-with-react-router-and-an-express-backend-33l3)

## **Links:**

1. [**Undraw**](https://undraw.co/)
2. [**Muzli\_Colors**](https://colors.muz.li/)
3. [**Enjoy CSS**](https://enjoycss.com/)
4. [**CSS Awesome**](https://rupl.github.io/unfold/)
5. [**CSS Tricks**](https://css-tricks.com/)
6. [**Mastery**](https://mastery.games/)**(Learn Code by Play)**
7. [**Codepip**](https://codepip.com/) **(Learn Code by Play)**
8. [**DevHints**](https://devhints.io/) **(Cheat Sheet for anything)**
9. [**Emmet Cheat Sheet**](https://docs.emmet.io/cheat-sheet/)
10. [**Algorithms in JS**](https://js-algorithms.tutorialhorizon.com/)
11. [**VisualAlgo**](https://visualgo.net/en) **(Data Structure and algorithms)**
12. [**Vercel for Deployment**](https://vercel.com/dashboard)
13. [**Regex**](https://regexr.com/)
14. **Wireframe:**
    1. [**Wireframe CC**](https://wireframe.cc/)
    2. [**Draw IO**](https://app.diagrams.net/)

## **Movie && Series To watch**

1. [**Snowden**](https://www.youtube.com/watch?v=9KyltHXrxVk&ab_channel=MovieclipsTrailers)
2. [**The Social Network**](https://www.youtube.com/watch?v=lB95KLmpLR4&ab_channel=SonyPicturesEntertainment)
3. [**Mr. Robot**](https://www.youtube.com/watch?v=xIBiJ_SzJTA&ab_channel=AlchemistEskimo)

## **Games:**

1. [**CSS Selector**](https://flukeout.github.io/)
2. [**Flexbox FROGGY**](http://flexboxfroggy.com/)
3. [**Grid Garden**](https://cssgridgarden.com/)
4. [**Flexbox Defense**](http://www.flexboxdefense.com/)

## **Short Videos (Technical):**

1. [**How the Internet Works in 5 Minutes**](https://www.youtube.com/watch?v=7_LPdttKXPc&ab_channel=Aaron) [4:48]
2. [**The Internet: HTTP & HTML**](https://www.youtube.com/watch?v=kBXQZMmiA4s&t=220s&ab_channel=Code.org) [7:06]
3. [**What is NPM**](https://www.youtube.com/watch?v=ZNbFagCBlwo)[2:18]
4. [**What is a REST API**](https://www.youtube.com/watch?v=SLwpqD8n3d0&ab_channel=ProgrammingwithMosh) [6:04]
5. [**Javascript event loop | Every Javascript developer must know !**](https://www.youtube.com/watch?v=XzXIMZMN9k4&ab_channel=ComScienceSimplified) [8:19]
6. [**What the heck is the event loop anyway? | Philip Roberts | JSConf EU**](https://www.youtube.com/watch?v=8aGhZQkoFbQ&ab_channel=JSConf)[26:52]
7. [**What is JSON?**](https://www.youtube.com/watch?v=0IoG-mSvWSo)[5:37]

## **Short Videos (Mindset & Life):**

1. [**Imposter Syndrome at Coding Bootcamp**](https://www.youtube.com/watch?v=UL4Se2ofUW8&feature=emb_logo&ab_channel=CourseReport) [4:52]
2. [**Dunning Kruger effect**](https://www.youtube.com/watch?v=pOLmD_WVY-E&ab_channel=TED-Ed)[5:07]
3. [**Inside the mind of a master procrastinator**](https://www.youtube.com/watch?v=arj7oStGLkU&ab_channel=TED)[14:03]

## **VS-Code Extensions:**

We recommend that all of you download these extensions:

1. [**Prettier - Code formatter**](https://marketplace.visualstudio.com/items?itemName=esbenp.prettier-vscode)
2. [**Bracket Pair Colorizer**](https://marketplace.visualstudio.com/items?itemName=CoenraadS.bracket-pair-colorizer)
3. [**Indent Rainbow**](https://marketplace.visualstudio.com/items?itemName=oderwat.indent-rainbow)
4. [**JavaScript Snippets**](https://marketplace.visualstudio.com/items?itemName=nathanchapman.JavaScriptSnippets)
5. [**ES7 React/Redux/GraphQL/React-Native snippets**](https://marketplace.visualstudio.com/items?itemName=dsznajder.es7-react-js-snippets)
6. [**Code Spell Checker**](https://marketplace.visualstudio.com/items?itemName=streetsidesoftware.code-spell-checker)

## **Google Chrome Extensions:**

1. [**Google Translate**](https://chrome.google.com/webstore/detail/google-translate/aapbdbdomjkkjkaonfhkkikfgjllcleb)
2. [**Dark Reader**](https://chrome.google.com/webstore/detail/dark-reader/eimadpbcbfnmbkopoojfekhnkhdbieeh)
3. [**Grammarly for Chrome**](https://chrome.google.com/webstore/detail/grammarly-for-chrome/kbfnbcaeplbcioakkpcpgfkobkghlhen?hl=en)
4. [**React Developer Tools**](https://chrome.google.com/webstore/detail/react-developer-tools/fmkadmapgofadopljbjfkapdkoienihi)
5. [**Allow CORS**](https://chrome.google.com/webstore/detail/allow-cors-access-control/lhobafahddgcelffkeicbaginigeejlf)
6. [**JSON Formatter**](https://chrome.google.com/webstore/detail/json-formatter/bcjindcccaagfpapjjmafapmmgkkhgoa)

## **NPM Package you may need:**

1. [**Axios**](https://www.npmjs.com/package/axios)
2. [**Cors**](https://www.npmjs.com/package/cors)

## **Crash Courses (Technical):**

1. [**JavaScript Crash Course For Beginners**](https://www.youtube.com/watch?v=hdI2bqOjy3c&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=3&ab_channel=TraversyMedia) [1:40:30] (**Week** **1-3**)
2. [**JavaScript OOP Crash Course (ES5 & ES6)**](https://www.youtube.com/watch?v=vDJpGenyHaA&ab_channel=TraversyMedia) [40:20] (**Week** **3**)
3. [**HTML Crash Course For Absolute Beginners**](https://www.youtube.com/watch?v=UB1O30fR-EE&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&ab_channel=TraversyMedia)[1:00:41] (**Week** **4**)
4. [**CSS Crash Course For Absolute Beginners**](https://www.youtube.com/watch?v=yfoY53QXEnI&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=2&ab_channel=TraversyMedia) [1:25:10] (**Week** **4**)
5. [**Express JS Crash Course**](https://www.youtube.com/watch?v=L72fhGm1tfE&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=9&ab_channel=TraversyMedia) [1:14:01] (**Week** **7**)
6. [**HTTP Crash Course & Exploration**](https://www.youtube.com/watch?v=iYM2zFP3Zn0&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=16&ab_channel=TraversyMedia) [38:30] (**Week** **7**)
7. [**Axios Crash Course | HTTP Library**](https://www.youtube.com/watch?v=6LyagkoRWYA&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=55&ab_channel=TraversyMedia) [42:20] (**Week 7**)
8. [**NPM Crash Course**](https://www.youtube.com/watch?v=jHDhaSSKmB0&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=35&ab_channel=TraversyMedia) [42:03] (coming) (**Week 7**)
9. [**MongoDB Crash Course**](https://www.youtube.com/watch?v=-56x56UppqQ&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=10&ab_channel=TraversyMedia) [36:43] (**Week** **8**)
10. [**React Hooks Crash Course**](https://www.youtube.com/watch?v=-MlNBTSg_Ww&list=PLWano87cQydOC2AFncY5N18n3yvl_8HhA&index=5&t=0s&ab_channel=Academind) **watch till** [0:29:38] **not** [1:02:53] (**Week** **9**)
11. [**MySQL Crash Course | Learn SQL**](https://www.youtube.com/watch?v=9ylj9NR0Lcg) [1:11:35] (**Week** **13**)
12. [**Getting Started with Redux**](https://egghead.io/courses/getting-started-with-redux) **Redux:**
    1. [**Modern React with Redux**](https://www.udemy.com/course/react-redux/) **Dan Abramov** [Who Create Redux] [2:01:00]
    2. [**Fundamentals of Redux Course**](https://egghead.io/courses/fundamentals-of-redux-course-from-dan-abramov-bd5cc867) **Dan Abramov** [Who Create Redux] [2:01:00]
13. **Extra (after you finish everything)**:
    1. [**Bootstrap Beginner Crash Course**](https://www.youtube.com/watch?v=5GcQtLDGXy8&t=17s&ab_channel=TraversyMedia) [1:13:27] (**Extra**)
    2. [**CSS3 Animation & Transitions Crash Course**](https://www.youtube.com/watch?v=zHUpx90NerM&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=50&ab_channel=TraversyMedia) [36:19] **(Extra)**
    3. [**Markdown Crash Course**](https://www.youtube.com/watch?v=HUBNt18RFbo&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=29&ab_channel=TraversyMedia) [19:32] **(Extra)**
    4. [**Documenting Your JavaScript | JSDoc Crash Course**](https://www.youtube.com/watch?v=YK-GurROGIg&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=56&ab_channel=TraversyMedia) [36:31] **(Extra)**
    5. [**CSS3 Animation & Transitions Crash Course**](https://www.youtube.com/watch?v=zHUpx90NerM&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=50&ab_channel=TraversyMedia) [36:19] **(Extra)**
    6. [**Node.js Crash Course**](https://www.youtube.com/watch?v=fBNz5xF-Kx4&list=PLillGF-RfqbYeckUaD1z6nviTp31GLTH8&index=7&ab_channel=TraversyMedia)[1:30:08] **(Extra)**
    7. [**React JS Crash Course**](https://www.youtube.com/watch?v=sBws8MSXN7A&t=659s&ab_channel=TraversyMedia) [1:38:24] (**Week** **9**)
    8. HTML Slicing (Converting a PSD to HTML and CSS):
       1. [**The Ultimate Guide to Converting a PSD**](https://www.youtube.com/watch?v=OQGbOI0DZLg&ab_channel=EnvatoTuts%2B) **[2:03:58]**
       2. [**Photoshop PSD to HTML**](https://www.youtube.com/results?search_query=PSD+to+HTML+and+CSS&sp=CAASBBABGAI%253D)
       3. [**Converting a Design From PSD to HTML**](https://code.tutsplus.com/articles/converting-a-design-from-psd-to-html--net-2114)
    9. Elixir:
       1. [**Elixir Tutorial**](https://www.youtube.com/watch?v=pBNOavRoNL0&ab_channel=DerekBanas)
       2. [**Elixir Hello World from zero to Hero**](https://www.youtube.com/watch?v=Jydr6UUYs2U&list=PLaY7qWIrmqtFoZLvOvYRZG5hl367UybRp&ab_channel=LittleAlchemist.io)

## **Good Programing Instructors:**

1. [**Brad Traversy**](https://www.traversymedia.com/)**: crash course (1.28M subscribers, 114M views, 832 videos)**
2. [**Stephen Grider**](https://www.udemy.com/user/sgslo/)**: explain everything (666K students, 257K reviews, 26 courses)**
3. [**Maximilian Schwarzmüller**](https://www.udemy.com/user/maximilian-schwarzmuller/)**: good (1.18M students, 500K reviews, 33 courses)**
4. [**Jonas Schmedtmann**](https://www.udemy.com/course/design-and-develop-a-killer-website-with-html5-and-css3/?gclid=Cj0KCQjwt4X8BRCPARIsABmcnOpb3YzADnYW1DNKdzyIiPfcH8dibBRE0sARzLvBZtvhARmqTvJFhWwaAvTNEALw_wcB&matchtype=e&utm_campaign=LongTail_la.EN_cc.ROW&utm_content=deal4584&utm_medium=udemyads&utm_source=adwords&utm_term=_._ag_78754135133_._ad_438212702072_._kw_css+course_._de_c_._dm__._pl__._ti_kwd-366307106537_._li_9069818_._pd__._#instructor-1)**: good for css (898K students, 168K reviews, 5 courses)**
   1. [**Advanced CSS and Sass: Flexbox, Grid, Animations and More!**](https://www.udemy.com/course/advanced-css-and-sass/)

## **Best online courses worth to buy:**

1. **HTML + CSS:**
   1. [**Web Design for Web Developers: Build Beautiful Websites!**](https://www.udemy.com/course/web-design-secrets/) **[Free]**
   2. [**Build Responsive Websites with HTML5 and CSS3**](https://www.udemy.com/course/design-and-develop-a-killer-website-with-html5-and-css3/)
   3. [**Advanced CSS and Sass: Flexbox, Grid, Animations and More**](https://www.udemy.com/course/advanced-css-and-sass/)
2. **React, React Router, React Hooks, Redux:**
   1. [**React - The Complete Guide (incl Hooks, React Router, Redux)**](https://www.udemy.com/course/react-the-complete-guide-incl-redux/)
   2. [**Modern React with Redux [2020 Update]**](https://www.udemy.com/course/react-redux/)
   3. [**The Modern Javascript Bootcamp Course (2021)**](https://www.udemy.com/course/javascript-beginners-complete-tutorial/)
   4. [**The Coding Interview Bootcamp: Algorithms + Data Structures**](https://www.udemy.com/course/coding-interview-bootcamp-algorithms-and-data-structure/)

## **From Other Students:**

1. [How to get a job after a coding bootcamp](https://dev.to/ignacioaal/how-to-get-a-job-after-a-coding-bootcamp-3a08)
2. [HERE](https://drive.google.com/drive/folders/1uofdMjBI3BxtbIdVGFJNGQRZ8RYHcmOe?usp=sharing) (Git)
3. ‎Mimo: Learn Coding/Programming ([Web](https://getmimo.com/) || [Google Play](https://play.google.com/store/apps/details?id=com.getmimo) || [App Store](https://apps.apple.com/jo/app/mimo-learn-coding-programming/id1133960732))
4. [Icon for HTML](https://icons8.com/)
5. [**UI/UX**](https://www.youtube.com/playlist?list=PLRemWV5koZLBR1khj5OlC_xLkdsI8G5DF)**: course to learn UI & UX**
6. [**Wappalyzer**](https://chrome.google.com/webstore/detail/wappalyzer/gppongmhjkpfnbhagpmjfkannfbllamg?hl=en)**: check what the websites use**
7. [**Difference Between Programming, Scripting, and Markup Languages**](https://www.geeksforgeeks.org/difference-between-programming-scripting-and-markup-languages/#:~:text=Scripting%20languages%20are%20generally%20slower,require%20any%20logic%20or%20algorithm.)

## 

## **APIs:**

1. [**JSON Placeholder**](https://jsonplaceholder.typicode.com/guide/)
2. **Movie:**
   1. [**The Movie DB**](https://developers.themoviedb.org/3/getting-started/introduction)
   2. [**OMDb**](https://www.omdbapi.com/)
3. **Images:**
   1. [**Imgflip**](https://imgflip.com/api)
   2. [**Cat**](https://cataas.com/#/)
   3. [**Dog**](https://dog.ceo/dog-api/)
   4. [**Giphy**](https://api.giphy.com)
4. **Games:**
   1. [**RAWG**](https://api.rawg.io/api/games)
5. [**Avatars**](https://ui-avatars.com/)
6. [**TV\_Maza**](http://www.tvmaze.com/api)
7. [RAPID API](https://rapidapi.com)
   1. Sport => [Football](https://rapidapi.com/api-sports/api/api-football)
8. [Alpha Vantage](https://www.alphavantage.co/documentation/)
9. [Financial Data](https://iexcloud.io/)
10. Animes:
    1. [Rick & Morty](https://rickandmortyapi.com/api/character)

## 

## 

## **Documentations:**

[**MDN**](https://developer.mozilla.org/en-US/)[**NPM**](https://docs.npmjs.com/)

[**NPM CLI**](https://docs.npmjs.com/cli-documentation/)

[**MDN HTTP STATUS**](https://developer.mozilla.org/en-US/docs/Web/HTTP/Status)

[**CAT HTTP STATUS**](https://http.cat/)

[**Node JS**](https://nodejs.org/en/)

[**Express JS**](https://expressjs.com/)

[**Postman**](https://learning.postman.com/docs/publishing-your-api/documenting-your-api/)

[**Mongo DB**](https://docs.mongodb.com/manual/tutorial/getting-started/)

[**Mongoose**](https://mongoosejs.com/docs/index.html)

[**React**](https://reactjs.org/docs/getting-started.html)

[**React Router**](https://reactrouter.com/web/example/basic)

[**Redux**](https://redux.js.org/introduction/getting-started)

[**MySQL**](https://www.tutorialspoint.com/mysql/index.htm)

# **Tricks**

Ctrl + Shift + P => show experiments => check **css Overview** so you can take it

# **Bank Information**

Bank Name: **Bank Al-Etihad**

Name of Account Holder: **The Professional Programmer**

Account Number: **0580/152191515-101**

IBAN: **JO87UBSI5800000580152191515101**

SWIFT Code: **UBSIJOAX**

## **Websites To Translate English Better than Google Translate:**

لما نيجي نترجم جمل طويلة علي ترجمة جوجل ، الترجمة بتكون ترجمة حرفية ٫ يعني بيترجم كلمة كلمة ؟

لكن فيه مواقع تانية غير جوجل الترجمة فيها مش حرفية.

⚫من المواقع دي :

– <https://lnkd.in/d5XsQ34>

– <https://lnkd.in/dHWYmcz>

– <http://www.worldlingo.com/>

\_ <https://www.babelfish.com/>

\_ <https://lnkd.in/dMP6RmM>

\_ <https://lnkd.in/dyCP-MN>

⚫ دي مواقع بتصحح spelling, Grammer لو عندك paragraph وعايز تشوف كتابتك مظبوطة :

– https://lnkd.in/dmCPbku

– https://lnkd.in/dwvy4Nw

– https://lnkd.in/d5XsQ34

– https://lnkd.in/dJQkuHh

– https://lnkd.in/dmiq8WN

⚫ دي مواقع تدور فيها عن معاني الكلمات والمصطلحات و عن الكلمات اللي ليها نفس المعني ‚ وفيهم بردو proverbs, ldioms :

– https://www.thesaurus.com/

– https://lnkd.in/d7eX64t

⚫ موقع لترجمة الأبحاث والملفات :

-https://lnkd.in/dCzFV5W

⚫موقع لترجمة الجمل :

– <https://lnkd.in/d5CfYg2>

# **Important Rules**

1. If you are stuck on the same question for more than **10** minutes during the lecture, ask us immediately (always read the entire question then ask us).
2. If you are stuck on the same question for more than **3 times** during the lecture time, you should skip it and go for the next one (and you come back to it after going through all the questions).
3. If you are stuck on the same question for more than **30** minutes after you skip it, you should ask us.
4. You can always attend other class lectures (**Alpha**, **Beta**, **Charlie**) but you should be a watcher only with a little bit of questions.
5. You are not allowed to use google or search for an answer except if there is a hint in the practice questions (tell you to search or read about something).
6. Cheating is not allowed, you are cheating if you copy more than 1 line from the internet and you can't explain it or do like it.
7. Don't turn off Zoom while you are on a break (just disable the microphone and the camera) and when you come back click on **Yes** so we know that you returned.
8. You need to work on yourself a lot, you should study **25-45** hours per week (to review material, solve material questions, do homeworks, and make projects).

# **Guest speaker & Some of our Alumni**

1. **Ashraf Jibreel**:[**ashrafjebril9@gmail.com**](mailto:ashrafjebril9@gmail.com) **||** [**Facebook**](https://www.facebook.com/photo?fbid=10165075955485367&set=a.10150279521025367) **||** [**LinkedIn**](https://www.linkedin.com/in/ashraf-jebril-153264aa/)
2. **Fatema Hammami:** [**LinkedIn**](https://www.linkedin.com/in/ACoAAB9US9EBS_hKEvmIQJefSMBfRrSXcOPNwP8/?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_recent_activity_details_shares%3Bkz%2BoFFrkTwWhxKjnRq1Nng%3D%3D)
3. **Mohannad Bahaa:** [**LinkedIn**](https://www.linkedin.com/in/mohannad-bahaa-88984a135/)
4. **Deyaa Maali:** [**Facebook**](https://www.facebook.com/deyaa.maali) || [**LinkedIn**](https://www.linkedin.com/in/deyaa-maali-075ab6198/) **||** [**great post for non CS**](https://www.linkedin.com/posts/deyaa-maali-075ab6198_%D8%A3%D9%8A-%D8%B4%D8%AE%D8%B5-%D8%AC%D8%AF%D9%8A%D8%AF-%D8%B9%D9%84%D9%89-%D9%85%D8%AC%D8%A7%D9%84-%D8%A7%D9%84%D8%A8%D8%B1%D9%85%D8%AC%D8%A9-%D8%B5%D8%A7%D8%B1%D9%84%D9%87-%D8%A3%D9%82%D9%84-%D9%85%D9%86-activity-6783812779770994688-Sa21)
5. **Alaa Al Khalaileh:** [**Facebook**](https://www.facebook.com/alaa.alkhlaila.12) || [**LinkedIn**](https://www.linkedin.com/in/alaa-khalila/) **||** [**svgsprit**](https://svgsprit.es/) **||** [**cloudconvert**](https://cloudconvert.com/jpg-to-webp)
6. **Other Guest Speakers**
   1. **Shaker AL-Abady [SEO && having your own company - 3h]:** 
      1. [**Facebook**](https://www.facebook.com/shaker.abady) **||** [**LinkedIn**](https://www.linkedin.com/in/shaker-abady-85abb714a/)
      2. [**Zero-hours contracts**](https://www.acas.org.uk/zero-hours-contracts)
      3. [**The 30 best high-paying jobs of the future**](https://www.businessinsider.com/best-jobs-future-growth-2019-3)
      4. [**Ali Express Dropshipping**](https://alidropship.com/start-from-home/?utm_source=facebook&utm_medium=cpc&utm_campaign=17.%2BAliDropship%2BKiyosaki%252BHome%2Bguide)
      5. [**Kick Starter idea want 100K got 1.6M in 26 hours**](https://www.kickstarter.com/projects/hypershop/hyperdrivetm-compact-thunderbolt-3-usb-c-hub-for-m)
      6. [**9 Absolutely Stupid Ideas That Made People Millionaires**](https://moneyppl.com/9-absolutely-stupid-ideas-made-people-millionaires/1418/)
      7. [**I MADE A MILLION DOLLARS IN 8 MINTUES**](https://www.youtube.com/watch?v=9AIO_ykZP9o&t=2278s&ab_channel=parmoon)
   2. **Osiad Ayadi [a day in a front end developer life - 2h]:** [**LinkedIn**](https://www.linkedin.com/in/osaidayadi/)
   3. **Mohammad Al-Khalidi [my experience as a bootcamp student -2h]:**
      1. [**LinkedIn**](https://www.linkedin.com/in/mohamadalkhaldi/)
      2. [**The Most Important Skill of the Future is Being ‘Indistractable’**](https://www.nirandfar.com/skill-of-the-future/)
   4. **Bushra Al-Absi [Data Engineering 2h]:**
      1. [**Ultimate AWS Certified Developer Associate 2021 - NEW!**](https://www.udemy.com/course/aws-certified-developer-associate-dva-c01/)
      2. [**AWS CloudFormation Master Class**](https://www.udemy.com/course/aws-cloudformation-master-class/)
      3. **Subjects to learn about:** 
         1. **Deep Database knowledge.**
         2. **Data engineering concepts: Apache big data technologies like Hadoop, spark, and Kafka.**
         3. **cloud services for big data: aws, azure etc**

# **Commands Line**

**Command Line**:

1. **pwd**: Print Working Directory
2. **cd**: Change Director (**cd ..** || **cd folder\_name**)
3. **ls**: List Files

**GitHub**:

Create new repository on GitHub (click on **+** then select **new repository**)

**Git Commands**:

1. **Clone**: to clone specific repo from Git-Hub  
   **git clone repo\_url**
2. **Status**: to know the current repo status  
   **git status**
3. **Add**: to add your changes to the staging area  
   **git add .**
4. **Commit**: to title your changes with a specific message and prepare them to move from the staging area to the repository  
   **git commit -m 'title of the changes you did'**
5. **Push**: to push you changes to the Git-Hub repo (Online)  
   **git push origin master**

* **Git configuration:  
  git config --global user.email "**[**your\_email@example.com**](mailto:your_email@example.com)**"  
  git config --global user.name "your\_github\_username"**

# **Extra Materials && Resources (No need till now)**

## [**Deploying/Hosting Node.js app on Heroku with MySQL database**](https://bezkoder.com/deploy-node-js-app-heroku-cleardb-mysql/)

Be sure to have a main rute (something like this):  
**mainRouter.get('/test', (req, res) => { res.json('Hello World Server); });**

1. [**Download Heroku cli**](https://devcenter.heroku.com/articles/heroku-cli#download-and-install)
2. [**Create Heroku account**](https://signup.heroku.com/) **and Verify your account (by your email)**
3. **Log in to Heroku in Command Line:** heroku login
4. **Create a Heroku app =>** heroku create **[app-name]** **(will be the url)**

**To rename the app name:** heroku apps:rename --app **[old-app-name]** **[new-app-name]**

1. For this step you need to bring your backend code to the root of the project (so you will have all the code for the backend and for the frontend it will be in a file called **client**)  
   **Deploy the app to Heroku =>** git push heroku master
2. **Configure MySQL Database for Node.js on Heroku app:** 
   1. **Setup** [**ClearDB**](https://elements.heroku.com/addons/cleardb)**: (you need to add credit card for your account to verify it so you can add this feature for free)**heroku addons:create cleardb:ignite
   2. **Configure MySQL connection: (you need to read how to get the link)**heroku config | grep **CLEARDB\_DATABASE\_URL\_HERE** **(don't forget to copy this link)  
      If you got an error about ‘grep’ only**  
      heroku config | findstr CLEARDB\_DATABASE\_URL
   3. **Set the database =>** heroku config:set DATABASE\_URL=’**DB URL**’

**Example: mysql://bd65d6e778xxff:561exxfa@**[**us-cdbr-east-02.cleardb.com /heroku\_985485f75f52cbb?reconnect=true**](http://us-cdbr-east-02.cleardb.com/heroku_985485f75f52cbb?reconnect=true)

**Username: bd65d6e778xxff**

**Password: 561exxfa**

**Host:** [**us-cdbr-east-02.cleardb.com**](http://us-cdbr-east-02.cleardb.com/heroku_985485f75f52cbb?reconnect=true)

**Database Name:** [**heroku\_985485f75f52cbb**](http://us-cdbr-east-02.cleardb.com/heroku_985485f75f52cbb?reconnect=true)

1. **Config Node.js to connect ClearDB MySQL on Heroku:  
   Get the username, password, host, database and use them to configure db in node on heroku (take all the env variables and add them to heroku), go to your heroku project => settings => Config Vars => and add them all**
2. **Create MySQL tables on ClearDB:**mysql --host=**HOSTNAME\_HERE** --user=**USERNAME\_HERE** --password=**PASSWORD\_HERE** --reconnect **DATABASE\_NAME\_HERE  
   Example:** mysql --host=**us-cdbr-east-02.cleardb.com** --user=**bd65d6e778xxff** --password=**561exxfa** --reconnect **heroku\_985485f75f52cbb  
   Now create your database tables like MySQL**
3. **Test the Heroku app on local =>** heroku local (**test localhost:5000**)
4. **Test the Heroku app on Heroku =>** heroku run node server.js

**Test your project with a postman.**

**Now let's connect React:**

1. **Rename front-end folder to client**
2. **Add these two lines to the server:**  
   const path = require('path');   
   app.use(express.static(path.join(\_\_dirname, 'client/build')));
3. **Add this line to the server package.json in the scripts:**  
   "heroku-postbuild": "cd client && npm install --only=dev && npm install && npm run build"
4. **Add this line to the client package.json:**"proxy": "http://localhost:5000"

# **How To Do Important Steps**

## **How To Customise Slack**

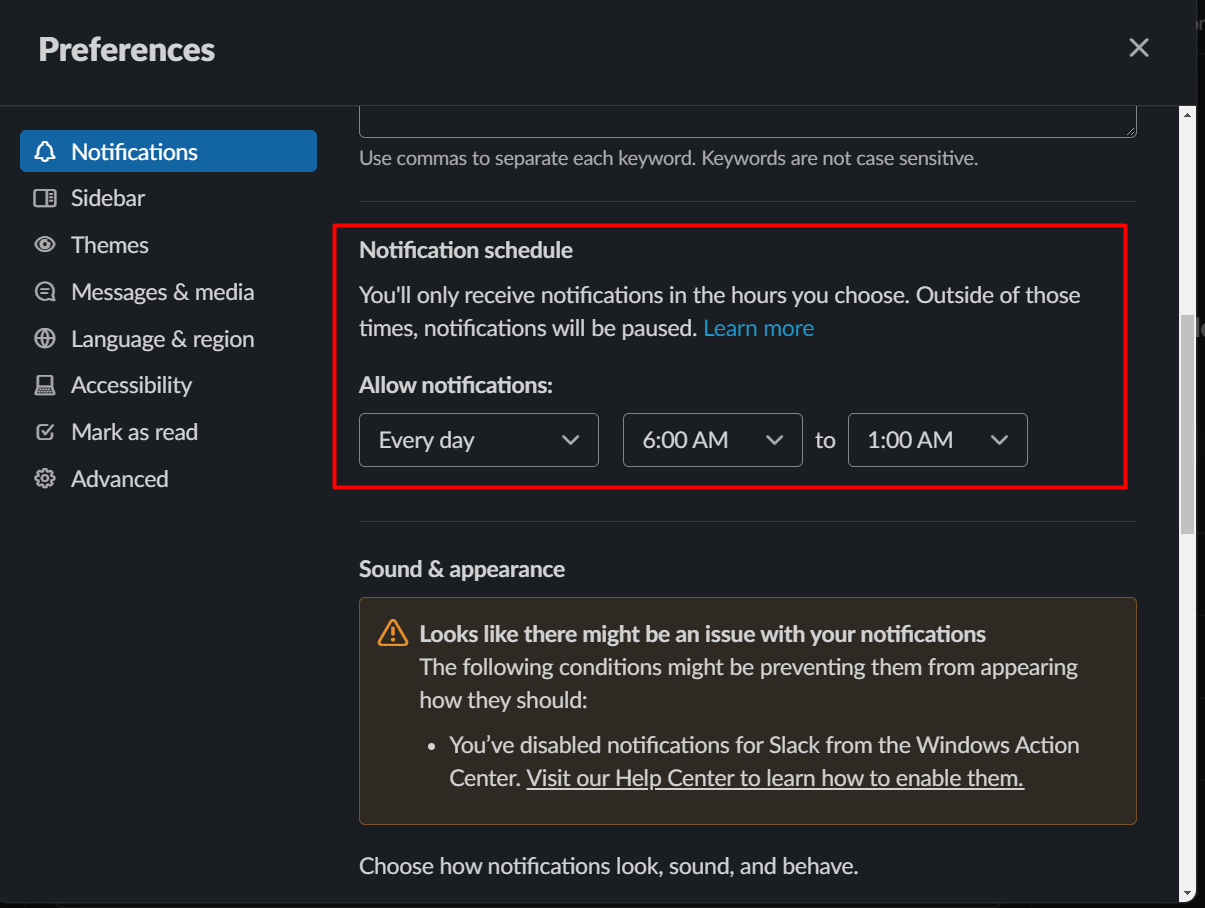
1. **Change your Display Name to be:**

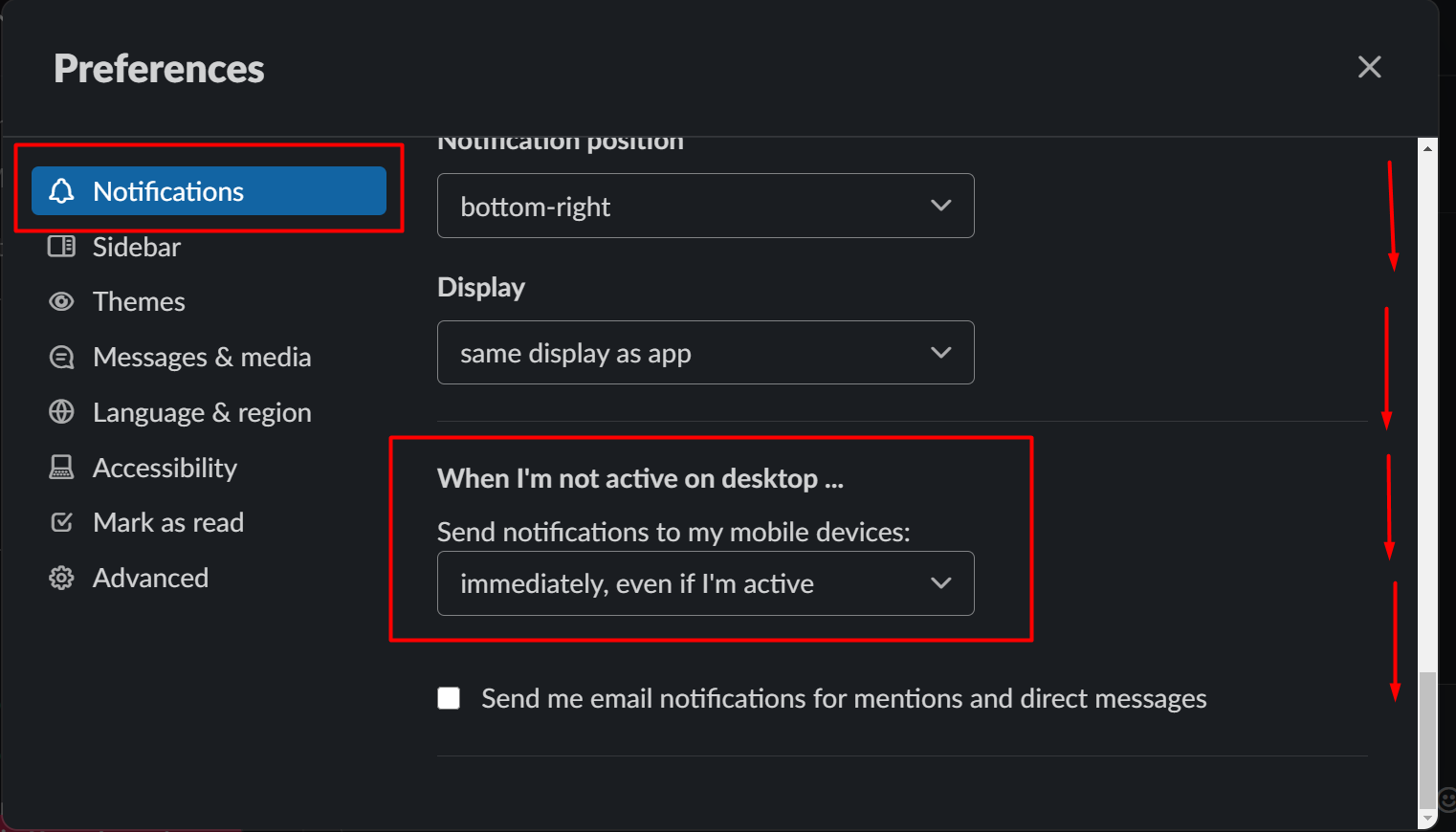
(first character in the class you in) **single name**

**single name**: should be a unique name in the class (if your name is Mohammad write your family name), Ex: (A) Alex || (G) Jouza || (O) Besslan

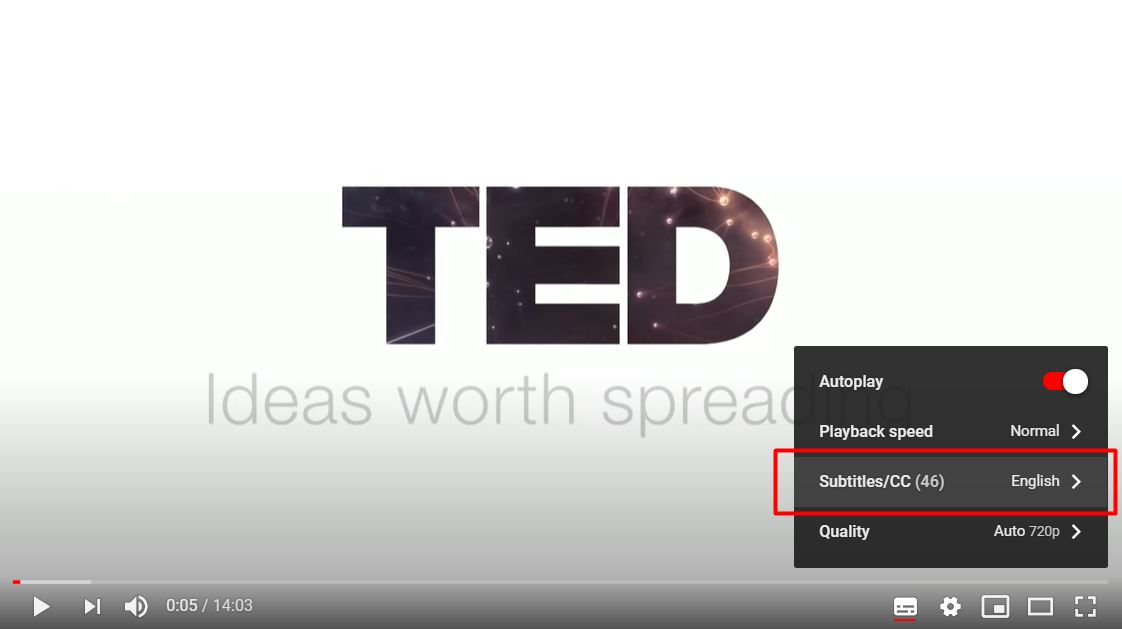
1. **Add a unique picture to your slack account**

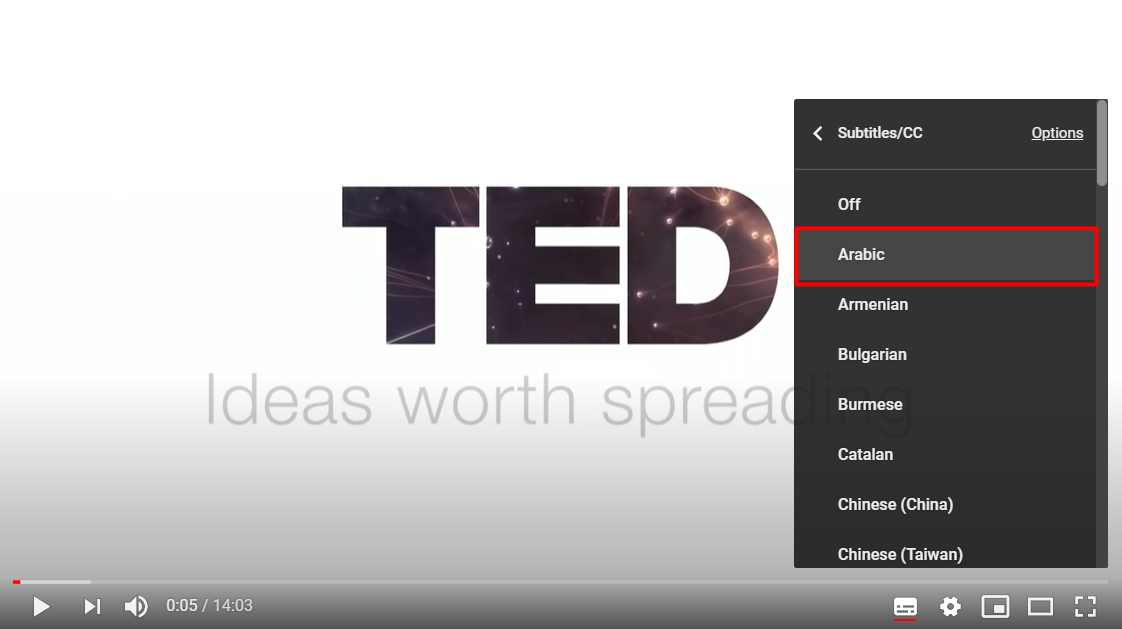
**unique picture**: any uniquepicture to recognise you. Ex:grass, pc, cat

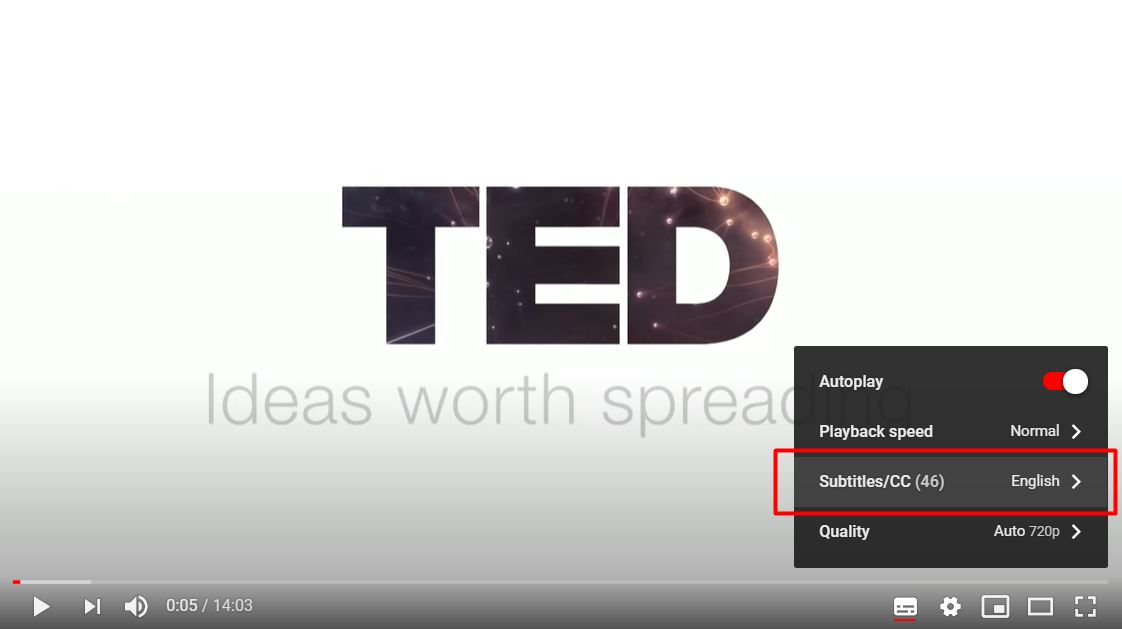
1. **Change Notification Preferences:**
   1. Go to Preferences - Notification - **Notification schedule** - **allow notifications** => make it: **Every day 6 AM - 1 AM** 
   2. Go to Preferences - Notification - **When I'm not active on desktop** - **When I'm not active on desktop** => make it: **Immediately, even if I’m active**

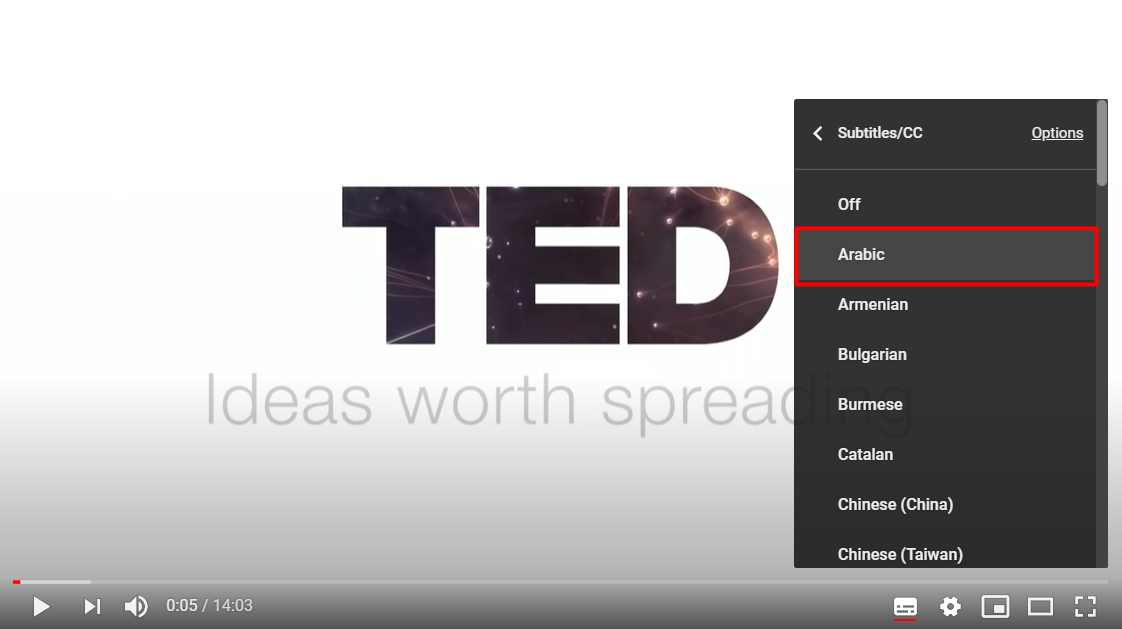
****

## **How to add subtitle to youtube videos:**

1. Click on **the subtitle icon** - **Subtitles/CC**



1. Select the language you want to translate to (**Arabic**)



1. Now you should see the subtitle on the video

# **Good Place To Study**

For **2 JD** only (full day) [Tell them you are a student of **MERAKI Academy**]  
Depth academy (New Name: **Connect Academy**)

شارع الجامعة الاردنية - بجانب مطعم ماكدونالدز - مجمع خليفة التجاري - الطابق الثاني - مكتب رقم 201   
<https://goo.gl/maps/TdpVGkZRxDhEr6EN7>

# **=============================================**

# 

# 

# 

# **Template**