

# Assignment Name - Typescript

## Problem Statement -

As a solution to this problem statement, you are supposed to create Classes for following scenarios, create the necessary properties, constructor and methods and then demonstrate the use of the class by creating an object of the same and printing messages in console of the website as output.

1) **Youtube Video Class** - Go to youtube.com and look at a video page. Now, try and create a class with properties(for example: video title) and methods(for example : getNumberOfViews) with proper types using typescript. Think of as many properties and methods as you can imagine and write all of them.

2) **Social Profile Class** - Go to facebook.com profile page, about section. Now try and create a class with properties (like birthday) and methods(like getAge()) with proper types using typescript. Think of as many properties and methods as you can imagine and write all of them.

## Here are some important points -

- 1) In some cases, if you come across a method name (for example: getRelatedVideos() in case of youtube class) where you don't know the implementation. You can just leave it to method declaration. Just declare the name and in implementation, just print a console message. The idea is to push your imagination as much as possible, rather than struggling with trivial JS implementation.
- 2) You are supposed to submit the code with full folders. Just like taught in the videos i.e your folder must contain the HTML file, TS file and compiled JS file as well. Upload it all on a github repository.

# Evaluation Basis

This project will be evaluated on following basis -

- 1) **Typescript code** - Your Typescript code should follow the best practices taught to you in the level and should use modern javascript as much as possible.
  - 2) **Intuitive Thinking and Creativity** - You will get marks for intuitive thinking and creativity. So try to be as creative as you can.
  - 3) **Originality of code** - Your code will be checked for plagiarism and if it's not original, it will be discarded with a negative skill score.
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## Deliverables from Candidate

- 1) A Text File containing the link of Github repository containing all your code along with images and other resources used in your website.
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**Warning** - Do not submit incomplete or wrong assignments. They will result in negative skill score. Also, you will not get a second attempt at the assignment! So whatever score you get will be the final score