# Homework: Introduction to AngularJS

This document defines the homework assignments from the ["JavaScript SPA with AngularJS" Course @ Software University](https://softuni.bg/trainings/coursesinstances/details/1075). Please submit as homework a single zip / rar / 7z archive holding the solutions (source code) of all below described problems.

## Video system

Create a system with the following functionality:

* You have a collection of videos. Put the data in an AngularJS Service and display all the videos on the home page.
* Every video should contain:
  + Title
  + Picture
  + Length
  + Category
  + Subscribers count
  + Date
  + HaveSubtitles
  + Comments – Every comment should contain:
    - Username
    - Date
    - Content
    - PictureUrl
* You should have a functionality for **adding a new video.** Add validations for the following inputs:
  + Title, PictureUrl and Category are required
  + The PictureUrl should be a valid url address
  + Required fields must be marked by a symbol of your choosing (e.g. \*)
  + Validation should be dynamical and it should show errors on the client side
  + You should not be permitted to post a form with validation errors
* You should have **filters** on the page that contains all the videos:
  + by category
  + by date
  + by having subtitles
* You should have **sorting** on the page that contains all the videos:
  + by title
  + by length
  + by date
  + by likes

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| **Video Object - Example** |
| {  title: 'Course introduction',  pictureUrl: 'http://softuni.bg/picture.png',  length: '3:32',  category: 'IT',  subscribers: 3,  date: new Date(2014, 12, 15),  haveSubtitles: false,  comments: [  {  username: 'Pesho Peshev',  content: 'Congratulations Nakov',  date: new Date(2014, 12, 15, 12, 30, 0),  likes: 3,  websiteUrl: 'http://pesho.com/'  }  ]  } |