

Sample Belt Challenges - Web Development

White Belt (optional)

- Attend 5 dojo session
- Understand the CoderDojo code
- Get to know the names of 5 ninjas and 2 mentors
- Create a basic project

Yellow Belt

- Create a project, as agreed with a mentor
Create a website on a topic of your choice with five pages and a stylesheet
- Understand the coding concepts you have used in your project
Use some of the following: images, videos, hyperlinks, divs, lists. tables
- Share your project with others
Host your website online (neocities). Present your project to the group

Blue Belt

- Have previously earned the yellow belt in that track
- Create a project, as agreed with a mentor that is more challenging than your yellow belt project
Develop a website (either a new website or further develop an existing website). It must have at least 10 pages. The website should contain some scripting (eg Javascript)
- Understand the coding concepts you have used in your project
Understand how client side scripting works
- Share your project with others
Host your website online (using FTP). Present your project to the group
- Help mentor
Help mentor for two sessions. Help some new ninjas get started with HTML

Green Belt

- Have previously earned the Blue belt in that track
- Complete a project, as agreed with your mentor, that is more challenging than your Blue belt project
Develop a website (either a new website or further develop an existing website). There should be a database that the website pulls information from.
- Understand the coding concepts you have used in your project
Understand how databases work
- Share your project with the group
Host your on a web server. Present your project to the group
- Regularly mentor at the dojo
Mentor for at least six sessions

Orange Belt

- Have previously earned the yellow belt in that track
- Complete a project, as agreed with your mentor, that is more challenging than your Green belt project
Develop a website (either a new website or further develop an existing website). The website should have a front end and a “backend” that allows users to create a profile and interact with the content
- Understand the coding concepts you have used in your project
Understand how to make the users data secure
- Share your project with the group
Host your on a web server. Present your project to the group
- Lead a number of sessions at the dojo
Lead at least two sessions on a topic of your choice

Red and Purple belts to be awarded by the mentors as a group for especially advanced projects.