

# Lab 1: INFR 3120

Amirali Abari  
Faculty of Business and IT  
Ontario Tech University

## 1 Introduction

Welcome to this lab! All lab activities are expected to be done individually or in group of two. There are two roles for group members: *driver* and *passenger*. The driver is the person who is typing on the computer, and the passenger is participating in the development by sharing the ideas. If you are in group of two, you need to frequently (every 15–20 minutes) change your roles.

When you have finished your lab activities, you need to show your final results to your TA. Try to advertise your work properly. He will provide some feedback to you and record your participation mark.

Remember that the lab instructions are set as minimum expectations. You always can go beyond the expectation. Challenge yourself, have fun, and learn more.

In this lab, we have two simple tasks. We first install the Atom editor <sup>1</sup> and build a project directory. Then, we create our personal website.<sup>2</sup>

## 2 Atom

Atom is a “hackable” text editor that we use for our web development activities. You can download and install Atom from <https://atom.io/>. After installing it, you can explore it quickly by going through menu bar and familiarize yourself with shortcut keys. Atom can be used for many diverse programming languages, so it is not only limited to HTML.

In your computer, create a folder for your lab activities. You can call this folder, for example, “Labs 3120”. Under this folder, create a sub folder and call it “Lab 1”; this is going to be our project directory for this lab.<sup>3</sup> We now create our project directory in this folder. Create an empty HTML document, and call it “index.html”. Create a sub folder called “images” for storing your images. Copy a picture of yourself in this folder, we now are going to create your personal website (for this week, your personal website might not look great but we will make it more interesting and appealing over upcoming weeks :-)

## 3 Personal Website

Now, you will rely on your knowledge for developing your own website. In Figure 1, I have provided how your personal website should look like (this is a snapshot of the HTML

---

<sup>1</sup>You can use any other text editor you prefer such as: Sublime Text Editor or Brackets.

<sup>2</sup>This is our first lab that’s why we keep it simple. We start more complicated tasks next week.

<sup>3</sup>For next weeks, you can create your project directories under “Lab 3120” too. Keep all lab activities in one folder.

# Your name's webpage

Your name  
Faculty of Busienss and IT  
[University of Ontario Institute of Technology](#)  
Undergraduate Student in xx  
Email address: xxxxx  
Phone number:  
[My LinkedIn Profile](#)



## About me

Here explain about yourself as much as you wish. Make sure to use hyperlink, if needed.

## Programming Skills

Explain your programing skills and try to list them:

- C++
- Java

## Technical and Professional Skills

Explain your other technical and professional skills and try to list them or enumerate over them:

1. **Web Security:** I am so great in web security; every one knows about me. You should ask my friends about me.
2. **Typing with my toes:** I can type 500 words in a minute with my toes!!!

## Course Schedules

Here is the table of courses that I take this semester.

Course name	Course number	Days and Time	Instructor
Web programming	INFR 3120	Monday 2:10--3:30	Prof. Amirali Abari
		Wednesday 2:10--3:30	
Web programming	INFR 3120	Monday 2:10--3:30	Prof. Amirali Abari
		Wednesday 2:10--3:30	

Figure 1: Your personal website should look like this image

page that I wrote). You need to use your personal information in your website and your own image. So please fill up the related sections with your own information.

Of course, you can look at your notes, lecture slide, or online resources, but I recommend that you minimize referring to them. This can help you to master the commands and tags faster. I suggest that you put your browser and the Atom editor side-by-side; this will help you to switch from one to another very fast.

**Hint 1:** To put your image beside of your contact information; you can use Table (this is not the best way for laying out your document; we will later on learn better ways).

**Hint 2:** You might need to use “rowspan” for your course schedule table.