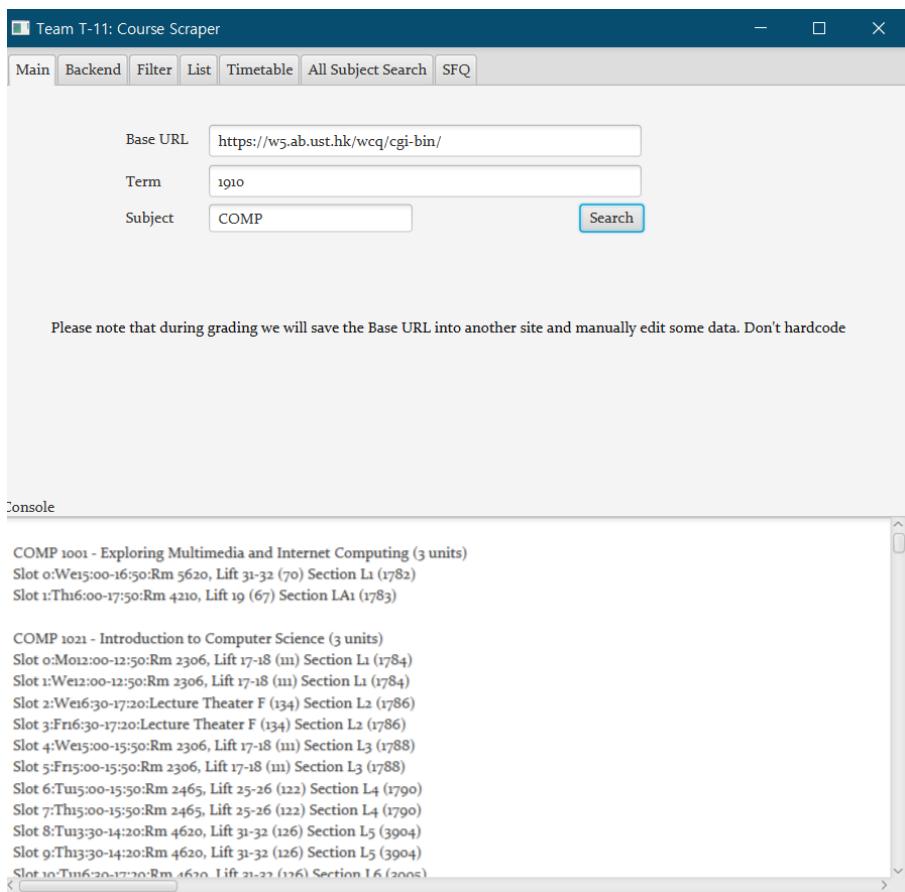
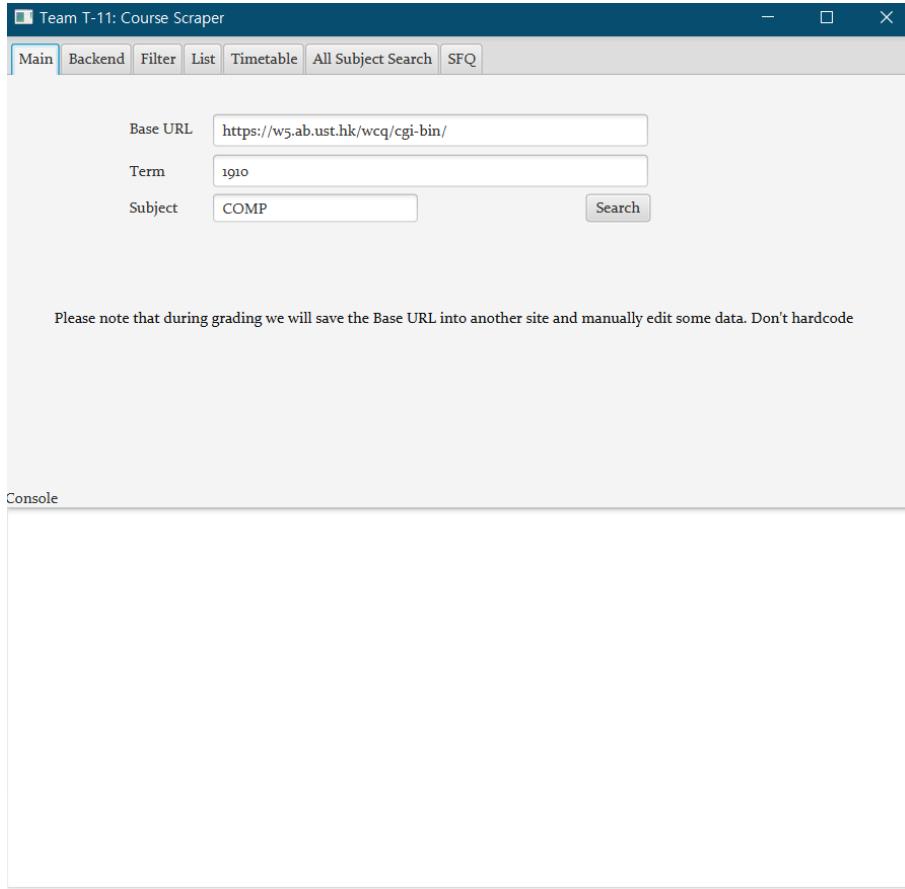


Task 1



Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Base URL: https://w5.ab.ust.hk/wcq/cgi-bin/
Term: 1910
Subject: COMP

Please note that during grading we will save the Base URL into another site and manually edit some data. Don't hardcode

Console

```
COMP 6921R - Research Project (1 unit)
COMP 6921V - Research Project (1 unit)
COMP 6931A - Independent Studies (3 units)
COMP 6990 - MPhil Thesis Research (0 units)
COMP 7990 - Doctoral Thesis Research (0 units)
Total Number of different sections in this search: 195
Total Number of Courses in this search: 41
Instructors who has teaching assignment this term but does not need to teach at Tu 3:10pm:
"ARYA, Sunil", "BENSAOU, Brahim", "CHAN, Gary Shueng Han", "CHEN, Kai", "CHEN, Qifeng", "CHUNG, Albert Chi Shing", "DING, C
```

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Base URL: https://some.wrong.url
Term: 1910
Subject: COMP

Please note that during grading we will save the Base URL into another site and manually edit some data. Don't hardcode

Console

```
404 page not found. Check if the URL is correct.
```

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM PM Monday Tuesday Wednesday Thursday Friday Saturday Common Core No Exclusion With Labs or Tutorial

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Tun13:30-13:20:Rm 4213, Lift 19 (67) Section LA05 (1797)
Slot 1:Frn13:30-13:20:Rm 4213, Lift 19 (67) Section LA07 (3906)
Slot 2:We10:00-11:50:Rm 4221, Lift 19 (52) Section LA08 (3907)

COMP 1022P - Introduction to Computing with Java (3 units)
Slot 0:Mo09:30-10:20:Lecture Theater F (134) Section L2 (1802)
Slot 1:We09:30-10:20:Lecture Theater F (134) Section L2 (1802)
Slot 2:Mo10:30-11:20:Rm 2407, Lift 17-18 (126) Section L3 (1803)
Slot 3:We10:30-11:20:Rm 2407, Lift 17-18 (126) Section L3 (1803)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:We11:30-12:20:Rm 4213, Lift 19 (67) Section LA1 (1810)
Slot 1:Mo10:30-12:20:Rm 4213, Lift 19 (67) Section LA3 (1822)
Slot 2:Thu10:30-12:20:Rm 4213, Lift 19 (67) Section LA5 (1824)
```

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Course Code	Section	Course Name	Instructor	Enroll
COMP 1021	LA05	Introduction to Computer Science	KIM, Sung Hun / LAM, G...	<input checked="" type="checkbox"/>
COMP 1021	LA07	Introduction to Computer Science	KIM, Sung Hun / LAM, G...	<input checked="" type="checkbox"/>
COMP 1021	LA08	Introduction to Computer Science	KIM, Sung Hun / LAM, G...	<input type="checkbox"/>
COMP 1022P	L2	Introduction to Computing with Java	NG, Wilfred Siu Hung	<input checked="" type="checkbox"/>
COMP 1022P	L3	Introduction to Computing with Java	MUPPALA, Kumaraswam...	<input type="checkbox"/>
COMP 1022Q	LA1	Introduction to Computing with Excel VBA	CHAN, Ki Cecia / ROSSI...	<input type="checkbox"/>
COMP 1022Q	LA3	Introduction to Computing with Excel VBA	CHAN, Ki Cecia / ROSSI...	<input type="checkbox"/>
COMP 1022Q	LA5	Introduction to Computing with Excel VBA	CHAN, Ki Cecia / ROSSI...	<input type="checkbox"/>
COMP 2011	LA4	Programming with C++	CHAN, Ki Cecia / LI, Xin ...	<input checked="" type="checkbox"/>
COMP 2012	Li	Object-Oriented Programming and Data Struct...	QUAN, Long	<input checked="" type="checkbox"/>

*Fill the table according to the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped.
All column are uneditable except Enroll. Each row in Enroll should contains a check box for user to enroll/unenroll a course

Console

The following sections are enrolled:

```
COMP 1021 - LA05 - Introduction to Computer Science - KIM, Sung Hun / LAM, Gibson / LAM, Ngok
COMP 1021 - LA07 - Introduction to Computer Science - KIM, Sung Hun / LAM, Gibson / LAM, Ngok
COMP 1022P - L2 - Introduction to Computing with Java - NG, Wilfred Siu Hung
COMP 2011 - LA4 - Programming with C++ - CHAN, Ki Cecia / LI, Xin / MAK, Brian Kan Wing
COMP 2012 - Li - Object-Oriented Programming and Data Structures - QUAN, Long
```

Task 2: Filter

1. When Select All is clicked.

- i. All boxes on this tab are checked.
- ii. The text of that button will be changed to De-select All.

The screenshot shows the 'Filter' tab selected in the top navigation bar. A large 'Select All' button is highlighted with a blue border. Below it, various filter options are listed with checkboxes:

- AM Monday Common Core
- PM Tuesday No Exclusion
- Wednesday
- Thursday
- Friday
- Saturday
- With Labs or Tutorial

A descriptive text block explains that a course has a section at that time/on that day. It notes that Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

a. When De-select All is clicked.

- a. The text of that button will be changed back to Select All.
- b. All boxes on this tab are unchecked

The screenshot shows the 'Filter' tab selected in the top navigation bar. A large 'De-select All' button is highlighted with a blue border. Below it, the same filter options are shown, but all checkboxes are now unchecked:

- AM Monday Common Core
- PM Tuesday No Exclusion
- Wednesday
- Thursday
- Friday
- Saturday
- With Labs or Tutorial

The descriptive text block remains the same, explaining the course section logic.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 1001 - Exploring Multimedia and Internet Computing (3 units)
Slot 0:We15:00-16:50:Rm 5620, Lift 31-32 (70) Section L1 (1782)
Slot 1:Th16:00-17:50:Rm 4210, Lift 19 (67) Section LA1 (1783)
```

2. When the status of any box on this tab is changed (checked or unchecked), the console will be cleared and filtered information is displayed.

- i. If the boxes AM (or PM) is checked, display only all sections of the courses which has a slot in AM (or in PM)

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

<input checked="" type="checkbox"/> AM	<input type="checkbox"/> Monday	<input type="checkbox"/> Common Core	<input type="checkbox"/> With Labs or Tutorial
<input type="checkbox"/> PM	<input type="checkbox"/> Tuesday	<input type="checkbox"/> No Exclusion	The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.
	<input type="checkbox"/> Wednesday		
	<input type="checkbox"/> Thursday		
	<input type="checkbox"/> Friday		
	<input type="checkbox"/> Saturday		

Common Core refers to 4Y CC; No Exclusion refers to a course does not has any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Tu11:30-13:20:Rm 4213, Lift 19 (67) Section LA05 (1797)
Slot 1:Fr11:30-13:20:Rm 4213, Lift 19 (67) Section LA07 (3906)
Slot 2:We10:00-11:50:Rm 4221, Lift 19 (52) Section LA08 (3907)

COMP 1022P - Introduction to Computing with Java (3 units)
Slot 0:Mo09:30-10:20:Lecture Theater F (134) Section L2 (1802)
Slot 1:We09:30-10:20:Lecture Theater F (134) Section L2 (1802)
Slot 2:Mo10:30-11:20:Rm 2407, Lift 17-18 (126) Section L3 (1803)
Slot 3:We10:30-11:20:Rm 2407, Lift 17-18 (126) Section L3 (1803)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:We11:30-13:20:Rm 4213, Lift 19 (67) Section LA1 (1819)
Slot 1:Mo10:30-12:20:Rm 4213, Lift 19 (67) Section LA3 (1822)
Slot 2:Th10:30-12:20:Rm 4213, Lift 19 (67) Section LA5 (1824)

```

When AM is clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM PM

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Monday Common Core
 Tuesday No Exclusion
 Wednesday
 Thursday
 Friday
 Saturday

Common Core refers to 4Y CC; No Exclusion refers to a course does not has any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

With Labs or Tutorial

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 1001 - Exploring Multimedia and Internet Computing (3 units)
Slot 0:We15:00-16:50:Rm 5620, Lift 31-32 (70) Section L1 (1782)
Slot 1:Th16:00-17:50:Rm 4210, Lift 19 (67) Section LA1 (1783)

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Mo12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 1:We12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 2:We16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 3:Fr16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 4:We15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 5:Fr15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 6:Tu15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 7:Th15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 8:Tu13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 9:Th13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 10:Tu16:30-17:20:Rm 4620, Lift 31-32 (126) Section L6 (3905)
```

When PM is clicked

- a. If both AM and PM are checked, display only all sections of the courses that has a slot that starts at AM and ends at PM, or a section has a slot in AM and another slot in PM.

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM PM

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Monday Common Core
 Tuesday No Exclusion
 Wednesday
 Thursday
 Friday
 Saturday

Common Core refers to 4Y CC; No Exclusion refers to a course does not has any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

With Labs or Tutorial
The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Tu11:30-13:20:Rm 4213, Lift 19 (67) Section LA05 (1797)
Slot 1:Fr11:30-13:20:Rm 4213, Lift 19 (67) Section LA07 (3906)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:We11:30-13:20:Rm 4213, Lift 19 (67) Section LA1 (1819)
Slot 1:Mo10:30-12:20:Rm 4213, Lift 19 (67) Section LA3 (1822)
Slot 2:Th10:30-12:20:Rm 4213, Lift 19 (67) Section LA5 (1824)

COMP 2012 - Object-Oriented Programming and Data Structures (4 units)
Slot 0:Mo13:30-14:50:Rm 2407, Lift 17-18 (126) Section L1 (1856)
Slot 1:Fr09:00-10:20:Rm 2407, Lift 17-18 (126) Section L1 (1856)
Slot 2:Th10:30-12:20:Rm 4210, Lift 19 (67) Section LA1 (1860)

COMP 2012H - Honors Object-Oriented Programming and Data Structures (5 units)
Slot 0:Fr11:30-13:20:Rm 4210, Lift 19 (67) Section LA1 (1865)

```

When both AM & PM are clicked

- ii. If any boxes of days of the week (Monday, Tuesday, ...) is clicked, display only all sections of the courses that has slots on the selected boxes. Thus, if only Monday and Tuesday are clicks, only sections that has slot on both Monday and Tuesday will be displayed.

The screenshot shows the 'Team T-11: Course Scraper' application window. At the top, there are tabs: Main, Backend, Filter, List, Timetable, All Subject Search, and SFQ. The 'Filter' tab is active.

Filter Options:

- Time:** AM (unchecked), PM (unchecked)
- Days:** Monday (checked), Tuesday, Wednesday, Thursday, Friday, Saturday
- Core Status:** Common Core (unchecked), No Exclusion (unchecked)
- Other:** With Labs or Tutorial (unchecked)

Note: A note on the left side states: "A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section."

Console Output:

```

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Mo12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 1:Mo18:00-19:50:Rm 4213, Lift 19 (67) Section LA06 (1798)

COMP 1022P - Introduction to Computing with Java (3 units)
Slot 0:Mo12:00-12:50:Lecture Theater G (135) Section L1 (1800)
Slot 1:Mo09:30-10:20:Lecture Theater F (134) Section L2 (1802)
Slot 2:Mo10:30-11:20:Rm 2407, Lift 17-18 (126) Section L3 (1803)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:Mo12:30-14:20:Rm 4213, Lift 19 (67) Section LA2 (1821)
Slot 1:Mo10:30-12:20:Rm 4213, Lift 19 (67) Section LA3 (1822)

COMP 1943 - Creative Sound Design (3 units)
Slot 0:Mo12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1835)

```

When Monday box is clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM PM Monday Tuesday Wednesday Thursday Friday Saturday Common Core No Exclusion With Labs or Tutorial

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

Common Core refers to 4Y CC; No Exclusion refers to a course does not has any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Tu15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 1:Tu13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 2:Tu16:30-17:20:Rm 4620, Lift 31-32 (126) Section L6 (3905)
Slot 3:Tu17:30-19:20:Rm 4213, Lift 19 (67) Section LA02 (1794)
Slot 4:Tu11:30-13:20:Rm 4213, Lift 19 (67) Section LA05 (1797)

COMP 1022P - Introduction to Computing with Java (3 units)
Slot 0:Tu17:00-18:50:Rm 4210, Lift 19 (67) Section LA2 (1806)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:Tu12:00-12:50:Rm 2465, Lift 25-26 (122) Section L4 (1817)
Slot 1:Tu15:00-16:50:Rm 4213, Lift 19 (67) Section LA6 (1825)

COMP 2011 - Programming with C++ (4 units)
Slot 0:Tu12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1840)
```

When Tuesday box is clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM PM Wednesday Common Core No Exclusion With Labs or Tutorial

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```

COMP 1001 - Exploring Multimedia and Internet Computing (3 units)
Slot 0:We15:00-16:50:Rm 5620, Lift 31-32 (70) Section L1 (1782)

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:We12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 1:We16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 2:We15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 3:We17:30-19:20:Rm 4213, Lift 19 (67) Section LA01 (1792)
Slot 4:We10:00-11:50:Rm 4221, Lift 19 (52) Section LA08 (3907)

COMP 1022P - Introduction to Computing with Java (3 units)
Slot 0:We12:00-12:50:Lecture Theater G (135) Section L1 (1800)
Slot 1:We09:30-10:20:Lecture Theater F (134) Section L2 (1802)
Slot 2:We10:30-11:20:Rm 2407, Lift 17-18 (126) Section L3 (1803)
Slot 3:We18:00-19:50:Rm 4210, Lift 19 (67) Section LA1 (1804)
Slot 4:We15:30-17:20:Rm 4213, Lift 19 (67) Section LA5 (1809)

```

When Wednesday box is clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

<input type="checkbox"/> AM	Monday	<input type="checkbox"/> Common Core	<input type="checkbox"/> With Labs or Tutorial
<input type="checkbox"/> PM	Tuesday	<input type="checkbox"/> No Exclusion	The section code of a Lab must
	Wednesday		begins with LA, tutorial must begins
<input checked="" type="checkbox"/> Thursday	Thursday		with T. Code begins with R can be
	Friday		ignored.
	Saturday		

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```

COMP 1001 - Exploring Multimedia and Internet Computing (3 units)
Slot 0:Th16:00-17:50:Rm 4210, Lift 19 (67) Section LA1 (1783)

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Th15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 1:Th13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 2:Th16:30-17:20:Rm 4620, Lift 31-32 (126) Section L6 (3905)
Slot 3:Th12:30-14:20:Rm 4213, Lift 19 (67) Section LA03 (1795)

COMP 1022P - Introduction to Computing with Java (3 units)
Slot 0:Th12:30-14:20:Rm 4210, Lift 19 (67) Section LA4 (1808)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:Th12:00-12:50:Rm 2465, Lift 25-26 (122) Section L4 (1817)
Slot 1:Th14:30-16:20:Rm 4213, Lift 19 (67) Section LA4 (1823)
Slot 2:Th10:30-12:20:Rm 4213, Lift 19 (67) Section LA5 (1824)

```

When Thursday box is clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM Monday Common Core
 PM Tuesday No Exclusion With Labs or Tutorial
 Wednesday Thursday
 Friday Saturday

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Fr16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 1:Fr15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 2:Fr18:00-19:50:Rm 4213, Lift 19 (67) Section LA04 (1796)
Slot 3:Fr11:30-13:20:Rm 4213, Lift 19 (67) Section LA07 (3906)

COMP 1022P - Introduction to Computing with Java (3 units)
Slot 0:Fr14:30-16:20:Rm 4213, Lift 19 (67) Section LA3 (1807)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:Fr14:00-14:50:Rm 2465, Lift 25-26 (122) Section L1 (1811)
Slot 1:Fr15:30-16:20:Rm 2465, Lift 25-26 (122) Section L2 (1813)
Slot 2:Fr16:30-17:20:Rm 2465, Lift 25-26 (122) Section L3 (1815)

COMP 2011 - Programming with C++ (4 units)
Slot 0:Fr15:00-16:20:Rm 4619, Lift 31-32 (126) Section L2 (1842)

```

When Friday box is clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM PM Monday Tuesday Wednesday Thursday Friday Saturday Common Core No Exclusion With Labs or Tutorial

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

Common Core refers to 4Y CC; No Exclusion refers to a course does not has any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 3511 - Operating Systems (3 units)
Slot 0:Sa11:00-12:50:Rm 4214, Lift 19 (52) Section LA5 (3954)
```

When Saturday box is clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM Monday Common Core
 PM Tuesday No Exclusion With Labs or Tutorial
 Wednesday Thursday Friday Saturday

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Mo12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 1:We12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)

COMP 1022P - Introduction to Computing with Java (3 units)
Slot 0:Mo12:00-12:50:Lecture Theater G (135) Section L1 (1800)
Slot 1:We12:00-12:50:Lecture Theater G (135) Section L1 (1800)
Slot 2:Mo09:30-10:20:Lecture Theater F (134) Section L2 (1802)
Slot 3:We09:30-10:20:Lecture Theater F (134) Section L2 (1802)
Slot 4:Mo10:30-11:20:Rm 2407, Lift 17-18 (126) Section L3 (1803)
Slot 5:We10:30-11:20:Rm 2407, Lift 17-18 (126) Section L3 (1803)

COMP 1943 - Creative Sound Design (3 units)
Slot 0:Mo12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1835)
Slot 1:We12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1835)
```

When Monday & Wednesday boxes are clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

AM Monday Common Core
 PM Tuesday No Exclusion With Labs or Tutorial
 Wednesday Thursday Friday Saturday

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to 4Y CC; No Exclusion
 refers to a course does not have any exclusion.
 Information can be founded on the pop-up text of the "COURSE INFO"

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:We16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 1:Fr16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 2:We15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 3:Fr15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:We14:00-14:50:Rm 2465, Lift 25-26 (122) Section L1 (1811)
Slot 1:Fr14:00-14:50:Rm 2465, Lift 25-26 (122) Section L1 (1811)
Slot 2:We15:30-16:20:Rm 2465, Lift 25-26 (122) Section L2 (1813)
Slot 3:Fr15:30-16:20:Rm 2465, Lift 25-26 (122) Section L2 (1813)
Slot 4:We16:30-17:20:Rm 2465, Lift 25-26 (122) Section L3 (1815)
Slot 5:Fr16:30-17:20:Rm 2465, Lift 25-26 (122) Section L3 (1815)

COMP 2011 - Programming with C++ (4 units)
Slot 0:We15:00-16:20:Rm 4619, Lift 31-32 (126) Section L2 (1842)

```

When Wednesday & Friday boxes are clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM Monday Common Core
 PM Tuesday No Exclusion With Labs or Tutorial
 Wednesday
 Thursday
 Friday
 Saturday

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 2012 - Object-Oriented Programming and Data Structures (4 units)
Slot 0:Mo13:30-14:50:Rm 2407, Lift 17-18 (126) Section L1 (1856)
Slot 1:Fr09:00-10:20:Rm 2407, Lift 17-18 (126) Section L1 (1856)

COMP 2611 - Computer Organization (4 units)
Slot 0:Mo13:30-14:50:Rm 2302, Lift 17-18 (74) Section L1 (1866)
Slot 1:Fr09:00-10:20:Rm 2302, Lift 17-18 (74) Section L1 (1866)

COMP 2711 - Discrete Mathematical Tools for Computer Science (4 units)
Slot 0:Mo13:30-14:50:Rm 4619, Lift 31-32 (126) Section L3 (1880)
Slot 1:Fr09:00-10:20:Rm 4619, Lift 31-32 (126) Section L3 (1880)
```

When Monday & Friday boxes are clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

<input type="checkbox"/> AM	<input type="checkbox"/> Monday	<input type="checkbox"/> Common Core	<input type="checkbox"/> With Labs or Tutorial
<input type="checkbox"/> PM	<input checked="" type="checkbox"/> Tuesday	<input type="checkbox"/> No Exclusion	The section code of a Lab must begin with LA, tutorial must begin with T. Code begins with R can be ignored.
	<input type="checkbox"/> Wednesday		
	<input checked="" type="checkbox"/> Thursday		
	<input type="checkbox"/> Friday		
	<input type="checkbox"/> Saturday		

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Tu15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 1:Th15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 2:Tu13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 3:Th13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 4:Tu16:30-17:20:Rm 4620, Lift 31-32 (126) Section L6 (3905)
Slot 5:Th16:30-17:20:Rm 4620, Lift 31-32 (126) Section L6 (3905)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:Tu12:00-12:50:Rm 2465, Lift 25-26 (122) Section L4 (1817)
Slot 1:Th12:00-12:50:Rm 2465, Lift 25-26 (122) Section L4 (1817)

COMP 2011 - Programming with C++ (4 units)
Slot 0:Tu12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1840)
Slot 1:Th12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1840)
Slot 2:Tu13:30-14:50:Rm 2464, Lift 25-26 (122) Section L3 (1844)

```

When Tuesday & Thursday boxes are clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM Monday Common Core
 PM Tuesday No Exclusion With Labs or Tutorial

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Wednesday Thursday Friday Saturday

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

When Monday & Tuesday boxes are clicked

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

<input type="checkbox"/> AM	<input checked="" type="checkbox"/> Monday	<input type="checkbox"/> Common Core	<input type="checkbox"/> With Labs or Tutorial
<input type="checkbox"/> PM	<input checked="" type="checkbox"/> Tuesday	<input type="checkbox"/> No Exclusion	The section code of a Lab must
	<input checked="" type="checkbox"/> Wednesday		begins with LA, tutorial must begins
	<input checked="" type="checkbox"/> Thursday		with T. Code begins with R can be
	<input type="checkbox"/> Friday	Common Core refers to	ignored.
	<input type="checkbox"/> Saturday	4Y CC; No Exclusion	

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

When more than 3 boxes are clicked

iii. If Common Core is clicked, display only all sections of the courses that are 4Y CC.

The screenshot shows a software interface titled "Team T-11: Course Scraper". At the top, there is a menu bar with tabs: Main, Backend, Filter, List, Timetable, All Subject Search, and SFQ. Below the menu, there is a toolbar with buttons for "Select All", "AM", "PM", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Common Core", "No Exclusion", and "With Labs or Tutorial". A descriptive text block explains the meaning of each filter: "A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section." The "Common Core" checkbox is checked, and its description states: "Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the 'COURSE INFO'". Below the filters, there is a "Console" window displaying course information:

```

COMP 1001 - Exploring Multimedia and Internet Computing (3 units)
Slot 0:We15:00-16:50:Rm 5620, Lift 31-32 (70) Section L1 (1782)
Slot 1:Th16:00-17:50:Rm 4210, Lift 19 (67) Section LA1 (1783)

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Mo12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 1:We12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 2:We16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 3:Fr16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 4:We15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 5:Fr15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 6:Tu15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 7:Th15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 8:Tu13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 9:Th13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 10:Tu16:30-17:20:Rm 4620, Lift 31-32 (126) Section L6 (3905)

```

When Common Core box is clicked

- iv. If No Exclusion is clicked, display only all sections of the courses that does not define exclusion.

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM PM

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Monday Tuesday Wednesday Common Core
 Thursday Friday Saturday No Exclusion

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

With Labs or Tutorial

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 1943 - Creative Sound Design (3 units)
Slot 0:Mo12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1835)
Slot 1:We12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1835)

COMP 2011 - Programming with C++ (4 units)
Slot 0:Tu12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1840)
Slot 1:Th12:00-13:20:Rm 2407, Lift 17-18 (126) Section L1 (1840)
Slot 2:We15:00-16:20:Rm 4619, Lift 31-32 (126) Section L2 (1842)
Slot 3:Fr15:00-16:20:Rm 4619, Lift 31-32 (126) Section L2 (1842)
Slot 4:Tu13:30-14:50:Rm 2464, Lift 25-26 (122) Section L3 (1844)
Slot 5:Th13:30-14:50:Rm 2464, Lift 25-26 (122) Section L3 (1844)
Slot 6:Tu15:00-16:20:Rm 2464, Lift 25-26 (122) Section L4 (1846)
Slot 7:Th15:00-16:20:Rm 2464, Lift 25-26 (122) Section L4 (1846)
Slot 8:Mo15:00-16:50:Rm 4213, Lift 19 (67) Section LA1 (1848)
Slot 9:Tu15:00-16:50:Rm 4210, Lift 19 (67) Section LA2 (1850)
Slot 10:Fr18:00-19:50:Rm 4210, Lift 19 (67) Section LA3 (1851)
```

When No Exclusion box is clicked

- v. If With Labs or Tutorial is clicked, display only all sections of the courses that has labs or tutorials.

The screenshot shows a window titled "Team T-11: Course Scraper". The menu bar includes "Main", "Backend", "Filter", "List", "Timetable", "All Subject Search", and "SFQ". The "Filter" tab is selected. On the left, there is a note: "A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section." Below this are checkboxes for "AM" and "PM". In the center, there are checkboxes for days of the week: Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday. To the right of these are checkboxes for "Common Core" and "No Exclusion". A checked checkbox labeled "With Labs or Tutorial" is shown. A detailed note explains: "The section code of a Lab must begin with LA, tutorial must begin with T. Code begins with R can be ignored." Below the filter area is a "Console" window displaying course section details.

Select All

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

AM PM

Monday Common Core
 Tuesday No Exclusion
 Wednesday
 Thursday
 Friday
 Saturday
 Sunday

With Labs or Tutorial

The section code of a Lab must begin with LA, tutorial must begin with T. Code begins with R can be ignored.

Console

```

COMP 1001 - Exploring Multimedia and Internet Computing (3 units)
Slot 0:We15:00-16:50:Rm 5620, Lift 31-32 (70) Section L1 (1782)
Slot 1:Th16:00-17:50:Rm 4210, Lift 19 (67) Section LA1 (1783)

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Mo12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 1:We12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 2:We16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 3:Fr16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 4:We15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 5:Fr15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 6:Tu15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 7:Th15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 8:Tu13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 9:Th13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 10:Tu16:30-17:20:Rm 4620, Lift 31-32 (126) Section L6 (3905)

```

When With Labs or Tutorial box is clicked

3. Note: filters are combined with AND logic. Therefore, if multiple filters are applied, display all sections of the courses which simultaneously fulfils the requirements.

I am going to provide some random combinations of boxes below.

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM Monday Common Core
 PM Tuesday No Exclusion
 Wednesday
 Thursday With Labs or Tutorial
 Friday
 Saturday

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 1001 - Exploring Multimedia and Internet Computing (3 units)
Slot 0:Th16:00-17:50:Rm 4210, Lift 19 (67) Section LA1 (1783)

COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Th15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 1:Th13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 2:Th16:30-17:20:Rm 4620, Lift 31-32 (126) Section L6 (3905)
Slot 3:Th12:30-14:20:Rm 4213, Lift 19 (67) Section LA03 (1795)

COMP 1022P - Introduction to Computing with Java (3 units)
Slot 0:Th12:30-14:20:Rm 4210, Lift 19 (67) Section LA4 (1808)

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:Th12:00-12:50:Rm 2465, Lift 25-26 (122) Section L4 (1817)
Slot 1:Th14:30-16:20:Rm 4213, Lift 19 (67) Section LA4 (1823)
Slot 2:Th10:30-12:20:Rm 4213, Lift 19 (67) Section LA5 (1824)
```

Combination Example 1

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

<input checked="" type="checkbox"/> AM	<input type="checkbox"/> Monday	<input type="checkbox"/> Common Core	<input checked="" type="checkbox"/> With Labs or Tutorial
<input type="checkbox"/> PM	<input type="checkbox"/> Tuesday	<input type="checkbox"/> No Exclusion	The section code of a Lab must begin with LA, tutorial must begin with T. Code begins with R can be ignored.
	<input type="checkbox"/> Wednesday		
	<input checked="" type="checkbox"/> Thursday	Common Core refers to 4Y CC; No Exclusion	
	<input type="checkbox"/> Friday	refers to a course does not have any exclusion.	
	<input type="checkbox"/> Saturday	Information can be founded on the pop-up text of the "COURSE INFO"	

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```

COMP 1022Q - Introduction to Computing with Excel VBA (3 units)
Slot 0:Th10:30-12:20:Rm 4213, Lift 19 (67) Section LA5 (1824)

COMP 2012 - Object-Oriented Programming and Data Structures (4 units)
Slot 0:Th10:30-12:20:Rm 4210, Lift 19 (67) Section LA1 (1860)

COMP 2711 - Discrete Mathematical Tools for Computer Science (4 units)
Slot 0:Th09:30-10:20:Rm 1410, Lift 25-26 (60) Section T1B (1884)

COMP 3021 - Java Programming (3 units)
Slot 0:Th09:00-09:50:Rm 4210, Lift 19 (67) Section LA1 (1892)

COMP 3511 - Operating Systems (3 units)
Slot 0:Th09:00-10:20:Rm 2407, Lift 17-18 (126) Section L2 (1922)

COMP 3711 - Design and Analysis of Algorithms (3 units)
Slot 0:Th10:30-11:50:Rm 2407, Lift 17-18 (126) Section L2 (1922)

```

Combination Example 2

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM PM Monday Common Core
 Tuesday No Exclusion With Labs or Tutorial
 Wednesday Thursday Friday Saturday

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

The section code of a Lab must begins with LA, tutorial must begins with T. Code begins with R can be ignored.

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```

COMP 3511 - Operating Systems (3 units)
Slot 0:Tu09:00-10:20:Rm 2407, Lift 17-18 (126) Section L2 (1922)
Slot 1:Th09:00-10:20:Rm 2407, Lift 17-18 (126) Section L2 (1922)

COMP 3711 - Design and Analysis of Algorithms (3 units)
Slot 0:Tu10:30-11:50:Rm 2502, Lift 25-26 (120) Section L1 (1930)
Slot 1:Th10:30-11:50:Rm 2502, Lift 25-26 (120) Section L1 (1930)

COMP 3711H - Honors Design and Analysis of Algorithms (4 units)
Slot 0:Tu10:30-11:50:Rm 6591, Lift 31-32 (88) Section L1 (1938)
Slot 1:Th10:30-11:50:Rm 6591, Lift 31-32 (88) Section L1 (1938)

COMP 3721 - Theory of Computation (3 units)
Slot 0:Tu09:00-10:20:Rm 6591, Lift 31-32 (88) Section L1 (1940)
Slot 1:Th09:00-10:20:Rm 6591, Lift 31-32 (88) Section L1 (1940)

```

Combination Example 3

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM PM Monday Tuesday Wednesday Thursday Friday Saturday Common Core No Exclusion With Labs or Tutorial

A course has a section at that time/on that day. A section can be lecture/tutorial/lab. Click AM + Monday does not imply a course has a section on Monday morning. It means there is a section in the morning, but that section may not be on Monday. However, that course must have another Monday section.

The section code of a Lab must begin with LA, tutorial must begin with T. Code begins with R can be ignored.

Common Core refers to 4Y CC; No Exclusion refers to a course does not have any exclusion. Information can be founded on the pop-up text of the "COURSE INFO"

* When the filter is applied, display all sections that fulfill all of these conditions; Print them to the console below on any change of checkbox

Console

```
COMP 3511 - Operating Systems (3 units)
Slot 0:Tu09:00-10:20:Rm 2407, Lift 17-18 (126) Section L2 (1922)
Slot 1:Th09:00-10:20:Rm 2407, Lift 17-18 (126) Section L2 (1922)

COMP 3721 - Theory of Computation (3 units)
Slot 0:Tu09:00-10:20:Rm 6591, Lift 31-32 (88) Section L1 (1940)
Slot 1:Th09:00-10:20:Rm 6591, Lift 31-32 (88) Section L1 (1940)
```

Combination Example 4

Task 3: List

1. Fill the table correctly with the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped.

- i. Make all cell non-editable except for the column Enroll.
- ii. Each row in the column Enroll should contains a checkbox.

Team T-11: Course Scraper					
Main	Backend	Filter	List	Timetable	
Course Code	Section	Course Name		Instructor	Enroll
COMP 1001	L1	Exploring Multimedia and Internet Computing		LEUNG, Wai Ting	<input type="checkbox"/>
COMP 1001	LA1	Exploring Multimedia and Internet Computing		LEUNG, Wai Ting	<input type="checkbox"/>
COMP 1021	L1	Introduction to Computer Science		LAM, Gibson	<input type="checkbox"/>
COMP 1021	L2	Introduction to Computer Science		LAM, Ngok	<input type="checkbox"/>
COMP 1021	L3	Introduction to Computer Science		LAM, Gibson	<input type="checkbox"/>
COMP 1021	L4	Introduction to Computer Science		KIM, Sung Hun	<input type="checkbox"/>
COMP 1021	L5	Introduction to Computer Science		KIM, Sung Hun	<input type="checkbox"/>
COMP 1021	L6	Introduction to Computer Science		LAM, Ngok	<input type="checkbox"/>
COMP 1021	LA01	Introduction to Computer Science		KIM, Sung Hun / LAM, ...	<input type="checkbox"/>

*Fill the table according to the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped.
All column are uneditable except Enroll. Each row in Enroll should contains a check box for user to enroll/unenroll a course

Console

```
COMP 1001 - Exploring Multimedia and Internet Computing (3 units)
Slot 0:We15:00-16:50:Rm 5620, Lift 31-32 (70) Section L1 (1782)
Slot 1:Th16:00-17:50:Rm 4210, Lift 19 (67) Section LA1 (1783)
```

```
COMP 1021 - Introduction to Computer Science (3 units)
Slot 0:Mo12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 1:We12:00-12:50:Rm 2306, Lift 17-18 (111) Section L1 (1784)
Slot 2:We16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 3:Fr16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 4:We15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 5:Fr15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 6:Tu15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 7:Th15:00-15:50:Rm 2465, Lift 25-26 (122) Section L4 (1790)
Slot 8:Tu13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 9:Th13:30-14:20:Rm 4620, Lift 31-32 (126) Section L5 (3904)
Slot 10:Tu16:30-17:20:Rm 4620, Lift 31-32 (126) Section L6 (3905)
```

When Filter Search is perform with no Filters

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Course Code	Section	Course Name			Instructor	Enroll
COMP 2012	L1	Object-Oriented Programming and Data Stru...			QUAN, Long	<input type="checkbox"/>
COMP 2611	L1	Computer Organization			LAM, Ngok	<input type="checkbox"/>
COMP 2711	L3	Discrete Mathematical Tools for Computer Sc...			PAPADOPOULOS, Dimi...	<input type="checkbox"/>
< [] > *Fill the table according to the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped. All column are uneditable except Enroll. Each row in Enroll should contains a check box for user to enroll/unenroll a course						

Console

```

COMP 2012 - Object-Oriented Programming and Data Structures (4 units)
Slot 0:Mo13:30-14:50:Rm 2407, Lift 17-18 (126) Section L1 (1856)
Slot 1:Fr09:00-10:20:Rm 2407, Lift 17-18 (126) Section L1 (1856)

COMP 2611 - Computer Organization (4 units)
Slot 0:Mo13:30-14:50:Rm 2302, Lift 17-18 (74) Section L1 (1866)
Slot 1:Fr09:00-10:20:Rm 2302, Lift 17-18 (74) Section L1 (1866)

COMP 2711 - Discrete Mathematical Tools for Computer Science (4 units)
Slot 0:Mo13:30-14:50:Rm 4619, Lift 31-32 (126) Section L3 (1880)
Slot 1:Fr09:00-10:20:Rm 4619, Lift 31-32 (126) Section L3 (1880)

```

When AM, PM, Monday and Tuesday boxes are checked

- a. When the status of the checkbox on this tab is changed, the console will be cleared and filtered information is displayed.
- a. In addition, it displays The following sections are enrolled: on the console, followed the list of the enrolled sections (order is not important).

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Course Code	Section	Course Name			Instructor	Enroll
COMP 1001	L1	Exploring Multimedia and Internet Computing			LEUNG, Wai Ting	<input checked="" type="checkbox"/>
COMP 1001	LA1	Exploring Multimedia and Internet Computing			LEUNG, Wai Ting	<input type="checkbox"/>
COMP 1021	L1	Introduction to Computer Science			LAM, Gibson	<input type="checkbox"/>
COMP 1021	L2	Introduction to Computer Science			LAM, Ngok	<input type="checkbox"/>
COMP 1021	L3	Introduction to Computer Science			LAM, Gibson	<input type="checkbox"/>
COMP 1021	L4	Introduction to Computer Science			KIM, Sung Hun	<input type="checkbox"/>
COMP 1021	L5	Introduction to Computer Science			KIM, Sung Hun	<input type="checkbox"/>
COMP 1021	L6	Introduction to Computer Science			LAM, Ngok	<input type="checkbox"/>
COMP 1021	LA01	Introduction to Computer Science			KIM, Sung Hun / LAM, ...	<input type="checkbox"/>

*Fill the table according to the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped.
All column are uneditable except Enroll. Each row in Enroll should contains a check box for user to enroll/unenroll a course

Console

The following sections are enrolled:
COMP 1001 - L1 - Exploring Multimedia and Internet Computing - LEUNG, Wai Ting

When Enroll for COMP 1001 L1 with no filters applied

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Course Code	Section	Course Name			Instructor	Enroll
COMP 3021	LX1	Java Programming			ZHANG, Charles Chuan	<input type="checkbox"/>
COMP 3031	L1	Principles of Programming Languages			LUO, Qiong	<input type="checkbox"/>
COMP 3031	LA1	Principles of Programming Languages			LUO, Qiong	<input type="checkbox"/>
COMP 3111	L1	Software Engineering			ZHANG, Charles Chuan	<input type="checkbox"/>
COMP 3111	L2	Software Engineering			LEUNG, Wai Ting	<input checked="" type="checkbox"/>
COMP 3111	LA1	Software Engineering			LEUNG, Wai Ting / ZHA...	<input type="checkbox"/>
COMP 3111	LA2	Software Engineering			LEUNG, Wai Ting / ZHA...	<input type="checkbox"/>
COMP 3111	LA3	Software Engineering			LEUNG, Wai Ting / ZHA...	<input type="checkbox"/>
COMP 3111H	L1	Honors Software Engineering			ZHANG, Charles Chuan	<input type="checkbox"/>
COMP 3111H	L2	Honors Software Engineering			LEUNG, Wai Ting	<input type="checkbox"/>

*Fill the table according to the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped.
All column are uneditable except Enroll. Each row in Enroll should contains a check box for user to enroll/unenroll a course

Console

```
The following sections are enrolled:  
COMP 1001 - L1 - Exploring Multimedia and Internet Computing - LEUNG, Wai Ting  
COMP 3111 - L2 - Software Engineering - LEUNG, Wai Ting
```

Another enrollment to COMP 3111 L2

- a. The enrolment status will be persistent even when another search is performed, another filter is applied, or selecting other tabs.

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Course Code	Section	Course Name			Instructor	Enroll
COMP 1021	L2	Introduction to Computer Science			LAM, Ngok	<input type="checkbox"/>
COMP 1021	L3	Introduction to Computer Science			LAM, Gibson	<input type="checkbox"/>
COMP 1021	LA04	Introduction to Computer Science			KIM, Sung Hun / LAM, ...	<input type="checkbox"/>
COMP 1021	LA07	Introduction to Computer Science			KIM, Sung Hun / LAM, ...	<input checked="" type="checkbox"/>
COMP 1022P	LA3	Introduction to Computing with Java			MUPPALA, Kumaraswa...	<input type="checkbox"/>
COMP 1022Q	L1	Introduction to Computing with Excel VBA			ROSSITER, David	<input type="checkbox"/>
COMP 1022Q	L2	Introduction to Computing with Excel VBA			ROSSITER, David	<input type="checkbox"/>
COMP 1022Q	L3	Introduction to Computing with Excel VBA			CHAN, Ki Cecia	<input type="checkbox"/>
COMP 2011	L2	Programming with C++			LI, Xin	<input type="checkbox"/>

*Fill the table according to the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped.
All column are uneditable except Enroll. Each row in Enroll should contains a check box for user to enroll/unenroll a course

Console

The following sections are enrolled:

COMP 1001 - L1 - Exploring Multimedia and Internet Computing - LEUNG, Wai Ting
 COMP 1021 - LA07 - Introduction to Computer Science - KIM, Sung Hun / LAM, Gibson / LAM, Ngok
 COMP 3111 - L2 - Software Engineering - LEUNG, Wai Ting

Filter search with Friday filter performed from the previous example, and enroll to the COMP1021 LA07. I the previous enrollment status persist

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Course Code	Section	Course Name			Instructor	Enroll
COMP 1001	L1	Exploring Multimedia and Internet Computing			LEUNG, Wai Ting	<input checked="" type="checkbox"/>
COMP 1001	LA1	Exploring Multimedia and Internet Computing			LEUNG, Wai Ting	<input type="checkbox"/>
COMP 1021	L1	Introduction to Computer Science			LAM, Gibson	<input type="checkbox"/>
COMP 1021	L2	Introduction to Computer Science			LAM, Ngok	<input type="checkbox"/>

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Course Code	Section	Course Name			Instructor	Enroll
COMP 1021	LA06	Introduction to Computer Science			KIM, Sung Hun / LAM, ...	<input type="checkbox"/>
COMP 1021	LA07	Introduction to Computer Science			KIM, Sung Hun / LAM, ...	<input checked="" type="checkbox"/>
COMP 1021	LA08	Introduction to Computer Science			KIM, Sung Hun / LAM, ...	<input type="checkbox"/>
COMP 1022P	L1	Introduction to Computing with Java			NG, Wilfred Siu Hung	<input type="checkbox"/>

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Course Code	Section	Course Name			Instructor	Enroll
COMP 3031	LA1	Principles of Programming Languages			LUO, Qiong	<input type="checkbox"/>
COMP 3111	L1	Software Engineering			ZHANG, Charles Chuan	<input type="checkbox"/>
COMP 3111	L2	Software Engineering			LEUNG, Wai Ting	<input checked="" type="checkbox"/>
COMP 3111	LA1	Software Engineering			LEUNG, Wai Ting / ZHA...	<input type="checkbox"/>
COMP 3111	LA2	Software Engineering			LEUNG, Wai Ting / ZHA...	<input type="checkbox"/>

Removing Friday filter, the enrollment status persist

Team T-11: Course Scraper				
Main	Backend	Filter	List	Timetable
Course Code	Section	Course Name	Instructor	Enroll
CIVL 5770	L1	Unsaturated Soil Mechanics and Engineering	NI, Junjun	<input type="checkbox"/>
CIVL 6050S	L1	Civil Engineering Seminar I	TBA	<input type="checkbox"/>
CIVL 6060Z	L1	Civil Engineering Seminar II	TBA	<input type="checkbox"/>
COMP 1001	L1	Exploring Multimedia and Internet Computing	LEUNG, Wai Ting	<input checked="" type="checkbox"/>
COMP 1001	LA1	Exploring Multimedia and Internet Computing	LEUNG, Wai Ting	<input type="checkbox"/>

Team T-11: Course Scraper				
Main	Backend	Filter	List	Timetable
Course Code	Section	Course Name	Instructor	Enroll
COMP 1021	LA06	Introduction to Computer Science	KIM, Sung Hun / LAM, ...	<input type="checkbox"/>
COMP 1021	LA07	Introduction to Computer Science	KIM, Sung Hun / LAM, ...	<input checked="" type="checkbox"/>
COMP 1021	LA08	Introduction to Computer Science	KIM, Sung Hun / LAM, ...	<input type="checkbox"/>
COMP 1022P	L1	Introduction to Computing with Java	NG, Wilfred Siu Hung	<input type="checkbox"/>

Team T-11: Course Scraper				
Main	Backend	Filter	List	Timetable
Course Code	Section	Course Name	Instructor	Enroll
COMP 3031	LA1	Principles of Programming Languages	LUO, Qiong	<input type="checkbox"/>
COMP 3031	LA1	Principles of Programming Languages	LUO, Qiong	<input type="checkbox"/>
COMP 3111	L1	Software Engineering	ZHANG, Charles Chuan	<input type="checkbox"/>
COMP 3111	L2	Software Engineering	LEUNG, Wai Ting	<input checked="" type="checkbox"/>
COMP 3111	LA1	Software Engineering	LEUNG, Wai Ting / ZHA...	<input type="checkbox"/>

All Subject Search performed, AM box clicked twice for result with no filters, and the List still shows the previously enrolled subjects. (Non-COMP course in the screenshot shows that it's in the all subject search mode)

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Course Code	Section	Course Name			Instructor	Enroll
HUMA 6001X	L1	Socialist Film Culture			DU, Daisy Yan	<input type="checkbox"/>
HUMA 6003E	L1	Philosophy of History and Society			NELSON, Eric S	<input type="checkbox"/>
IEDA 1010	T1	Academic and Professional Development I			GALLEGO, Guillermo	<input checked="" type="checkbox"/>
IEDA 1010	T2	Academic and Professional Development I			GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1010	T3	Academic and Professional Development I			GALLEGO, Guillermo	<input checked="" type="checkbox"/>
IEDA 1010	T4	Academic and Professional Development I			GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T1	Academic and Professional Development II			GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T2	Academic and Professional Development II			GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T3	Academic and Professional Development II			GALLEGO, Guillermo	<input type="checkbox"/>

*Fill the table according to the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped.
All column are uneditable except Enroll. Each row in Enroll should contains a check box for user to enroll/unenroll a course

Console

```
The following sections are enrolled:
COMP 1001 - L1 - Exploring Multimedia and Internet Computing - LEUNG, Wai Ting
COMP 1021 - LA07 - Introduction to Computer Science - KIM, Sung Hun / LAM, Gibson / LAM, Ngok
COMP 3111 - L2 - Software Engineering - LEUNG, Wai Ting
IEDA 1010 - T1 - Academic and Professional Development I - GALLEGO, Guillermo
IEDA 1010 - T3 - Academic and Professional Development I - GALLEGO, Guillermo
```

When enroll to different subject courses, the previous enrollment data persist

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Base URL <input type="text" value="https://w5.ab.ust.hk/wcq/cgi-bin/"/> Term <input type="text" value="1910"/> Subject <input type="text" value="IEDA"/> <input type="button" value="Search"/>						

To switch to single subject search, enter IEDA to Subject box in the Main tab, click AM filter twice in the Filter tab to get the result with no filters and to invoke List to update.

Team T-11: Course Scraper

Main	Backend	Filter	List	Timetable	All Subject Search	SFQ
Course Code	Section	Course Name		Instructor	Enroll	
IEDA 1010	T1	Academic and Professional Development I		GALLEGO, Guillermo	<input checked="" type="checkbox"/>	
IEDA 1010	T2	Academic and Professional Development I		GALLEGO, Guillermo	<input type="checkbox"/>	
IEDA 1010	T3	Academic and Professional Development I		GALLEGO, Guillermo	<input checked="" type="checkbox"/>	
IEDA 1010	T4	Academic and Professional Development I		GALLEGO, Guillermo	<input type="checkbox"/>	

The enrollment status from all subject search persist in the List tab.

I am showing 1 example to prove. Any other combination of search shows the persistent enrollment status.

- b. The enrolment status will be erased only when the checkbox is unchecked.

Team T-11: Course Scraper				
Main	Backend	Filter	List	Timetable
Course Code	Section	Course Name	Instructor	Enroll
IEDA 1010	T1	Academic and Professional Development I	GALLEGO, Guillermo	<input checked="" type="checkbox"/>
IEDA 1010	T2	Academic and Professional Development I	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1010	T3	Academic and Professional Development I	GALLEGO, Guillermo	<input checked="" type="checkbox"/>
IEDA 1010	T4	Academic and Professional Development I	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T1	Academic and Professional Development II	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T2	Academic and Professional Development II	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T3	Academic and Professional Development II	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T4	Academic and Professional Development II	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 2010	L1	Industrial Engineering and Decision Analytics	WANG, Xin	<input type="checkbox"/>

*Fill the table according to the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped.
All column are uneditable except Enroll. Each row in Enroll should contains a check box for user to enroll/unenroll a course

Console

The following sections are enrolled:

IEDA 1010 - T1 - Academic and Professional Development I - GALLEGO, Guillermo

Team T-11: Course Scraper				
Main	Backend	Filter	List	Timetable
Course Code	Section	Course Name	Instructor	Enroll
IEDA 1010	T1	Academic and Professional Development I	GALLEGO, Guillermo	<input checked="" type="checkbox"/>
IEDA 1010	T2	Academic and Professional Development I	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1010	T3	Academic and Professional Development I	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1010	T4	Academic and Professional Development I	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T1	Academic and Professional Development II	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T2	Academic and Professional Development II	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T3	Academic and Professional Development II	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 1020	T4	Academic and Professional Development II	GALLEGO, Guillermo	<input type="checkbox"/>
IEDA 2010	L1	Industrial Engineering and Decision Analytics	WANG, Xin	<input type="checkbox"/>

*Fill the table according to the result of the Filter. If the Filter cannot be correctly implemented, show all result scrapped.
All column are uneditable except Enroll. Each row in Enroll should contains a check box for user to enroll/unenroll a course

The following sections are enrolled:

Console

The following sections are enrolled:

When I uncheck the enrollment boxes from the previous example, it successfully erase the enrollment status and the updated enrollment status will be printed out to the console.

Task 6

HWANG, Junyeol

The screenshot shows the application window titled "Team T-11: Course Scraper". The menu bar includes Main, Backend, Filter, List, Timetable, All Subject Search, and SFQ. The SFQ URL input field contains "file:///C:/report.html". Below it are two buttons: "Find SFQ with my enrolled courses" (disabled) and "List instructors' average SFQ". A note states: "You may assume no login is required when you scrape the SFQ page". Another note explains: "When Find SFQ button is clicked, unadjusted SFQ data will be printed (not the data inside []). If a course has multiple sections only the course average is needed." A third note says: "When List instructors average button is clicked, all unadjusted SFQ data of sections taught by an instructor will be added and divided by the number of sections he/she taught. Thus, there is no need to consider the number of students. We assume there will be no lab/tutorial section on this page." The "Console" section displays the following output:

```
COMP 1021 Course Overall Mean: 80.6 Instructor Overall Mean: 85.6 Response Rate: 57.0%
COMP 1022P Course Overall Mean: 77.6 Instructor Overall Mean: 79.8 Response Rate: 63.3%
COMP 2011 Course Overall Mean: 76.1 Instructor Overall Mean: 82.1 Response Rate: 38.8%
COMP 2012 Course Overall Mean: 83.4 Instructor Overall Mean: 91.6 Response Rate: 46.5%
```

The screenshot shows the application window titled "Team T-11: Course Scraper". The menu bar includes Main, Backend, Filter, List, Timetable, All Subject Search, and SFQ. The SFQ URL input field contains "file:///C:/report.html". Below it are two buttons: "Find SFQ with my enrolled courses" (disabled) and "List instructors' average SFQ". A note states: "You may assume no login is required when you scrape the SFQ page". Another note explains: "When Find SFQ button is clicked, unadjusted SFQ data will be printed (not the data inside []). If a course has multiple sections only the course average is needed." A third note says: "When List instructors average button is clicked, all unadjusted SFQ data of sections taught by an instructor will be added and divided by the number of sections he/she taught. Thus, there is no need to consider the number of students. We assume there will be no lab/tutorial section on this page." The "Console" section displays the following output:

```
LAM, Henry H N Course Overall Mean: 83.1 Instructor Overall Mean: 90.8 Response Rate: 66.7%
KUANG, Becki Yi Course Overall Mean: 83.3 Instructor Overall Mean: 88.9 Response Rate: 40.9%
WONG, Tsz Wai Course Overall Mean: 96.9 Instructor Overall Mean: 100.0 Response Rate: 88.9%
SEMELHACK, Julie Course Overall Mean: 82.8 Instructor Overall Mean: 87.5 Response Rate: 64.0%
WANG, Jiguang Course Overall Mean: 83.3 Instructor Overall Mean: 90.8 Response Rate: 60.0%
CHAU, Ying Course Overall Mean: 70.0 Instructor Overall Mean: 70.0 Response Rate: 59.7%
SUN, Fei Course Overall Mean: 60.5 Instructor Overall Mean: 67.2 Response Rate: 36.8%
LAKERVELD, Richard Course Overall Mean: 80.6 Instructor Overall Mean: 83.3 Response Rate: 55.1%
LUO, Zhengtang Course Overall Mean: 70.7 Instructor Overall Mean: 76.1 Response Rate: 40.4%
GAO, Ping Course Overall Mean: 79.3 Instructor Overall Mean: 88.0 Response Rate: 32.4%
LIU Yuan Shuai Course Overall Mean: 86.4 Instructor Overall Mean: 89.2 Response Rate: 38.5%
Frank L Y Lam Course Overall Mean: 87.5 Instructor Overall Mean: 93.8 Response Rate: 24.3%
HUI, Chi Wai Course Overall Mean: 75.0 Instructor Overall Mean: 75.0 Response Rate: 25.0%
HSING, I-ming Course Overall Mean: 85.0 Instructor Overall Mean: 90.0 Response Rate: 32.3%
HU, Xijun Course Overall Mean: 58.3 Instructor Overall Mean: 50.0 Response Rate: 13.6%
MI, Yongli Course Overall Mean: 75.0 Instructor Overall Mean: 81.3 Response Rate: 63.6%
WATSON, Linda Course Overall Mean: 75.0 Instructor Overall Mean: 75.0 Response Rate: 60.0%
```