

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 navigation bar. The main area contains several checkboxes:

- 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.

* 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 navigation bar. The main area contains several checkboxes, all of which are now unchecked:

- 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.

* 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)

The screenshot shows a window titled "Team T-11: Course Scraper". At the top, there is a menu bar with "Main", "Backend", "Filter", "List", "Timetable", "All Subject Search", and "SFQ". Below the menu, there is a "Select All" button. To its right are three groups of checkboxes:

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

A text box on the left provides a detailed explanation of the AM checkbox:

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 described as follows:

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"

The "With Labs or Tutorial" checkbox is described as follows:

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)
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 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 begin with LA, tutorial must begin 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:F16:30-17:20:Lecture Theater F (134) Section L2 (1786)
Slot 4:We15:00-15:50:Rm 2306, Lift 17-18 (111) Section L3 (1788)
Slot 5:F15:00-15:50: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.

Team T-11: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

Select All

AM Monday
 PM Tuesday
 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 Common Core No Exclusion
 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.

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: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 Monday
 PM Tuesday
 Wednesday Common Core
 Thursday No Exclusion
 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"

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)

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

<input type="checkbox"/> AM <input type="checkbox"/> PM	<input type="checkbox"/> Monday <input type="checkbox"/> Tuesday <input type="checkbox"/> Wednesday <input type="checkbox"/> Thursday <input checked="" type="checkbox"/> Friday <input type="checkbox"/> Saturday	<input type="checkbox"/> Common Core <input type="checkbox"/> No Exclusion	<input type="checkbox"/> 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 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: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 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 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

<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	
	<input checked="" type="checkbox"/> Wednesday		
	<input type="checkbox"/> Thursday		The section code of a Lab must
	<input type="checkbox"/> Friday		begins with LA, tutorial must begins
	<input type="checkbox"/> Saturday		with T. Code begins with R can be
			ignored.

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: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

Select All

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

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 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

<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 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 type="checkbox"/> Thursday		
	<input checked="" type="checkbox"/> Friday	Common Core refers to 4Y CC; No Exclusion	
	<input type="checkbox"/> Saturday	refers to a course does not have any exclusion.	
		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 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

AM Monday
 PM Tuesday
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 No Exclusion
Common Core refers to 4Y CC; No Exclusion

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.

Common Core 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

When more than 3 boxes are clicked

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

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 Thursday Friday Saturday

Common Core 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 begin with LA, tutorial must begin 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 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 Monday Tuesday 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 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.

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 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 begin with LA, tutorial must begin 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 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 PM Thursday 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 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

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 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 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

<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 checked="" type="checkbox"/> Tuesday	<input checked="" type="checkbox"/> No Exclusion	
	<input type="checkbox"/> Wednesday		The section code of a Lab must
	<input checked="" type="checkbox"/> Thursday		begins with LA, tutorial must begins
	<input type="checkbox"/> Friday		with T. Code begins with R can be
	<input type="checkbox"/> Saturday		ignored.

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 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

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"/>
<small>*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</small>						
Console <pre>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)</pre>						

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	L1	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
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: https://w5.ab.ust.hk/wcq/cgi-bin/
 Term: 1910
 Subject: IEDA

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	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"/>
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	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 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:

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.