

Sample input and output of Task 5 and 6

Task 5

Input:

Team T-22: Course Scraper

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Main

Backend

Filter

List

Timetable

All Subject Search

SFQ

Base URL

https://w5.ab.ust.hk/wcq/cgi-bin/

Term

1910

Subject

COMP

Search

Show All Subject Courses

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

Console

After clicking “All Subject Search” button,

The screenshot shows a web application window titled "Team T-22: Course Scraper". The interface includes a navigation bar with tabs: "Main", "Backend", "Filter", "List", "Timetable", "All Subject Search", and "SFQ". The "All Subject Search" tab is active. Below the navigation bar, there are two buttons: "All Subject Search" (highlighted with a blue border) and "All Courses Search". To the right of the "All Subject Search" button is a "Progress" label followed by a progress bar. Below the buttons, there are three lines of instructional text: "*Search all subjects when this button is click. (text typed in textfieldSubject is ignored)", "*Progress bar will be updated whenever a subject has been scraped.", and "*correctly print the following info to the console below". The last line is followed by two indented lines: "Total Number of Courses fetched" and "Total Number of Categories/Code Prefix". At the bottom of the window is a "Console" section. The console displays the text "Total Number of Categories/Code Prefix: 75".

Team T-22: Course Scraper

Main Backend Filter List Timetable All Subject Search SFQ

All Subject Search Progress

All Courses Search

*Search all subjects when this button is click. (text typed in textfieldSubject is ignored)

*Progress bar will be updated whenever a subject has been scraped.

*correctly print the following info to the console below

Total Number of Courses fetched

Total Number of Categories/Code Prefix

Console

Total Number of Categories/Code Prefix: 75

After Clicking “All Courses Search” button and during searching,

Team T-22: Course Scraper

Main

Backend

Filter

List

Timetable

All Subject Search

SFQ

All Subject Search

Progress

All Courses Search

*Search all subjects when this button is click. (text typed in textfieldSubject is ignored)

*Progress bar will be updated whenever a subject has been scraped.

*correctly print the following info to the console below

Total Number of Courses fetched

Total Number of Categories/Code Prefix

Console

Total Number of Courses fetched: 298

Finish all courses search,

Team T-22: Course Scraper

Main

Backend

Filter

List

Timetable

All Subject Search

SFQ

All Subject Search

Progress

All Courses Search

*Search all subjects when this button is click. (text typed in textfieldSubject is ignored)

*Progress bar will be updated whenever a subject has been scraped.

*correctly print the following info to the console below

Total Number of Courses fetched

Total Number of Categories/Code Prefix

Console

Total Number of Courses fetched: 1163

Task 6

After clicking “Find SFQ with my enrolled courses” button after enrolling in course ACCT2010, CIVL4320 and COMP1022Q,

Team T-22: Course Scraper

Main

Backend

Filter

List

Timetable

All Subject Search

SFQ

SFQ URL

file:///C:/Users/vinca/Desktop/School%20Summary%20Report.html

Find SFQ with my enrolled courses

List instructors' average SFQ

You may assume no login is required when you scrape the SFQ page

When Find SFQ button is clicked, unadjusted SFQ data will be printed (not the data inside []). If a course has multiple section,s only the course average is needed.

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.

Console

SFQ ratings of enrolled course(s):
The course ACCT2010 does not appear in the provided URL
CIVL4320: 86.5%
COMP1022Q: 86.3%

After clicking “List instructors’ average SFQ” button,

Team T-22: Course Scraper

Main

Backend

Filter

List

Timetable

All Subject Search

SFQ

SFQ URL

file:///C:/Users/vinca/Desktop/School%20Summary%20Report.html

Find SFQ with my enrolled courses

List instructors' average SFQ

You may assume no login is required when you scrape the SFQ page

When Find SFQ button is clicked, unadjusted SFQ data will be printed (not the data inside []). If a course has multiple section,s only the course average is needed.

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.

Console

SFQ ratings of instructors:

ABEYNAYAKE, Hiddadura Isura Malinda Mendis: 83.8%

ARYA, Sunil: 95.7%

BEN LETAIEF, Khaled: 97.5%

BENSAOU, Brahim: 91.0%

CAI, Lilong: 61.0%

CAI, Ning: 96.6%

CHAN, Chun Man: 92.3%

CHAN, Man Sun: 93.2%

CHAN, Shu Ning: 62.5%

CHAN, Yui Bun: 81.2%

CHAN,Ki Cecia: 84.8%

CHAU, Ying: 70.0%

CHEN, Kevin Jing: 62.1%

CHEN, Qifeng: 88.2%

CHEN, Qing: 83.4%

CHEN, Sherry: 100.0%

CHEN, Li: 85.3%