Course Scheduling

Problem statement   **Input / Output**   **Badges and score**

⚙ Build instructions   ? Help Center

Next step:

You have attempted this problem in c# and scored 85. Read our help docs and resubmit code to achieve a higher score.

⬇ **Starter Kit**

View Portfolio

Command Examples

All input commands are to be read from a file, and output is to be printed to the console.

ADD-COURSE-OFFERING

INPUT	OUTPUT
ADD-COURSE-OFFERING JAVA JAMES 15062022 1 2	OFFERING-JAVA-JAMES
ADD-COURSE-OFFERING PYTHON	INPUT_DATA_ERROR (because of missing instructor and course-offering-date)
ADD-COURSE-OFFERING	OFFERING-KUBERNETES-WOODY

KUBERNETES WOODY 16062022 2 5			

REGISTER

INPUT	OUTPUT
REGISTER ANDY@GMAIL.COM OFFERING-JAVA-JAMES	REG-COURSE-ANDY-JAVA ACCEPTED
REGISTER WOO@GMAIL.COM OFFERING-JAVA-JAMES	REG-COURSE-WOO-JAVA ACCEPTED
REGISTER ALICE@GMAIL.COM OFFERING-JAVA-JAMES	COURSE_FULL (because max limit of java course=2)
REGISTER JON	INPUT_DATA_ERROR (because email and course-offering-id missing)

ALLOT

INPUT	OUTPUT
ALLOT OFFERING-JAVA-JAMES	REG-COURSE-ANDY-JAVA ANDY@GMAIL.COM OFFERING-JAVA-JAMES JAVA JAMES 05062022 CONFIRMED REG-COURSE-WOO-JAVA WOO@GMAIL.COM OFFERING-JAVA-JAMES JAVA JAMES 05062022 CONFIRMED (note that ALICE@GMAIL.COM won't show up here because her registration was rejected with COURSE_FULL_ERROR. Neither is Jon's data going to show up here)

CANCEL

INPUT	OUTPUT
CANCEL REG-COURSE-ANDY-JAVA	REG-COURSE-ANDY-JAVA CANCEL_REJECTED (because ALLOT course-offering is already run)

Sample Input/Output 1

INPUT	OUTPUT
ADD-COURSE-OFFERING DATASCIENCE BOB 05062022 1 3 **REGISTER** WOO@GMAIL.COM OFFERING-DATASCIENCE-BOB **REGISTER** ANDY@GMAIL.COM OFFERING-DATASCIENCE-BOB **ALLOT** OFFERING-DATASCIENCE-BOB	OFFERING-DATASCIENCE-BOB REG-COURSE-WOO-DATASCIENCE ACCEPTED REG-COURSE-ANDY-DATASCIENCE ACCEPTED REG-COURSE-ANDY-DATASCIENCE ANDY@GMAIL.COM OFFERING-DATASCIENCE-BOB DATASCIENCE BOB 05062022 CONFIRMED REG-COURSE-WOO-DATASCIENCE WOO@GMAIL.COM OFFERING-DATASCIENCE-BOB DATASCIENCE BOB 05062022 CONFIRMED

Sample Input/Output 2

INPUT	OUTPUT
ADD-COURSE-OFFERING PYTHON JOHN 05062022	OFFERING-PYTHON-JOHN

1 3	REG-COURSE-WOO-PYTHON ACCEPTED
REGISTER WOO@GMAIL.COM OFFERING-PYTHON-JOHN	REG-COURSE-ANDY-PYTHON ACCEPTED
REGISTER ANDY@GMAIL.COM OFFERING-PYTHON-JOHN	REG-COURSE-BOBY-PYTHON ACCEPTED
REGISTER BOBY@GMAIL.COM OFFERING-PYTHON-JOHN	REG-COURSE-BOBY-PYTHON
CANCEL REG-COURSE-BOBY-PYTHON	CANCEL_ACCEPTED
ALLOT OFFERING-PYTHON-JOHN	REG-COURSE-ANDY-PYTHON
	ANDY@GMAIL.COM OFFERING-PYTHON-JOHN PYTHON JOHN 05062022 CONFIRMED
	REG-COURSE-WOO-PYTHON
	WOO@GMAIL.COM OFFERING-PYTHON-JOHN PYTHON JOHN 05062022 CONFIRMED