Programming Midterm Preview

Chan Hou Pong, Ken

CSCI2100A Data Structures

Time & Venue

- Time: **April 8th**, Friday, 6:00 p.m. - 9:00 p.m.
- Venue: **SHB 924**

- Please arrive the venue before 5:30 p.m. We will have a warming-up session from 5:30 p.m. - 6:00 p.m.
- Every student is assigned to a seat with a paper of user account info.
- Can bring any printed materials

Environment

- The operation system will be Ubuntu Linux 12.04 LTS, with **GUI**

- And the computer configuration will have these basic editors:
  - Vi/VIM
  - Emacs
  - Gedit (with GUI)
  - Nano
- How to debug?
  - Compile your source code using gcc, check Tutorial notes 5
  - Or use gdb, check Tutorial notes 7

Submit Tool

- We will use a GUI base tool to help to submit your program ——PC^2 (ACM-ICPC official tools)

- It is simple and robust.

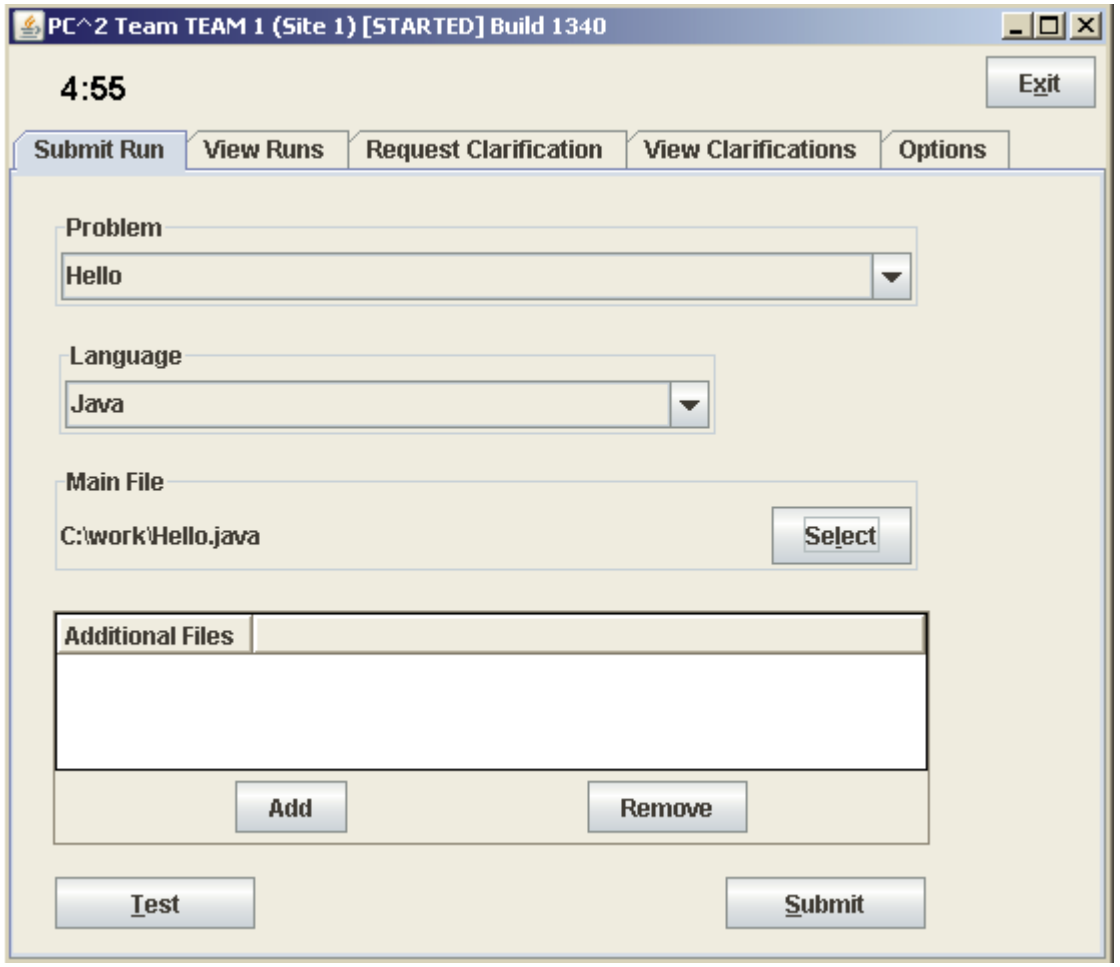
- All things can be done by just several clicks.

login to PC^2

PC^2 Login
California State University, Sacramento
Programming Contest Control System
Name
Password
Login
Exit
PC^2 version 9
SACRAMENTO STATE
acm International Collegiate Programming Contest
IBM
event sponsor

Submitting a Program to the Judges

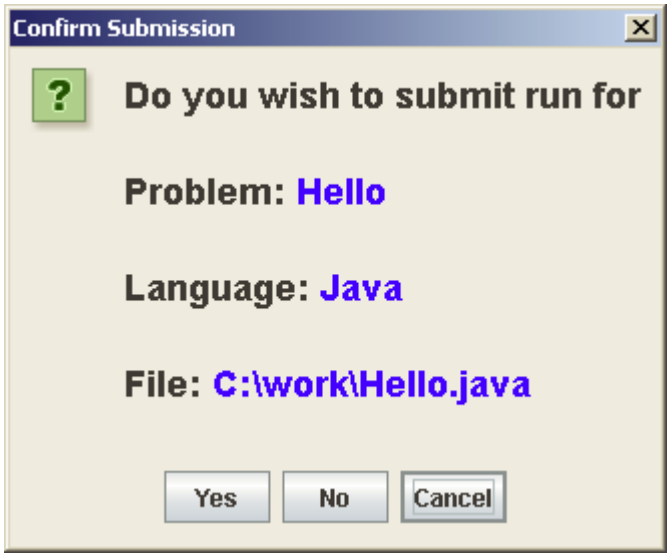
- Clicking on the **SUBMIT RUN**
- Clicking in the **Problem** box will display a drop-down list of the contest problems
- Clicking in the **Language** box to choose Language (only C in our midterm)
- Click on the **Select** button, select your **source code** **e.g. A.c,** (only C in our midterm)

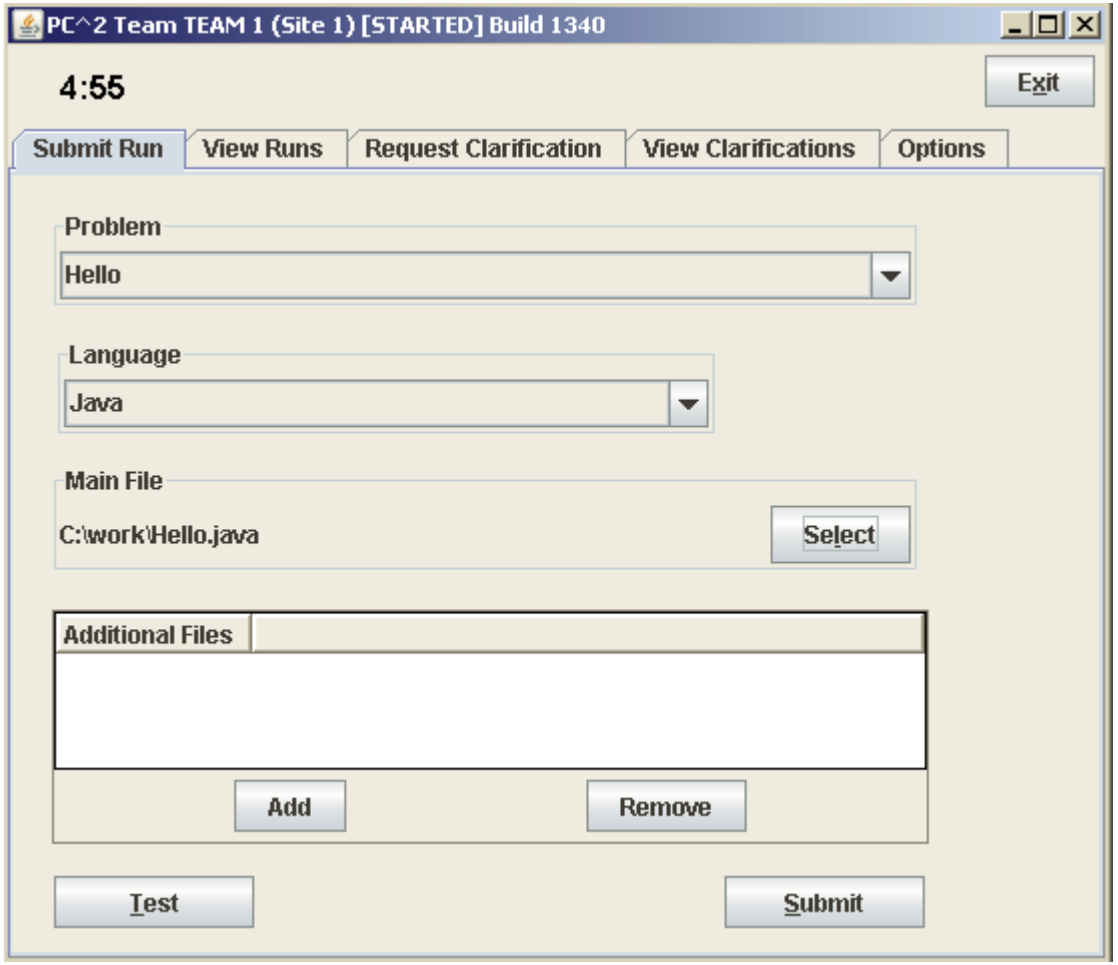


Test Runs

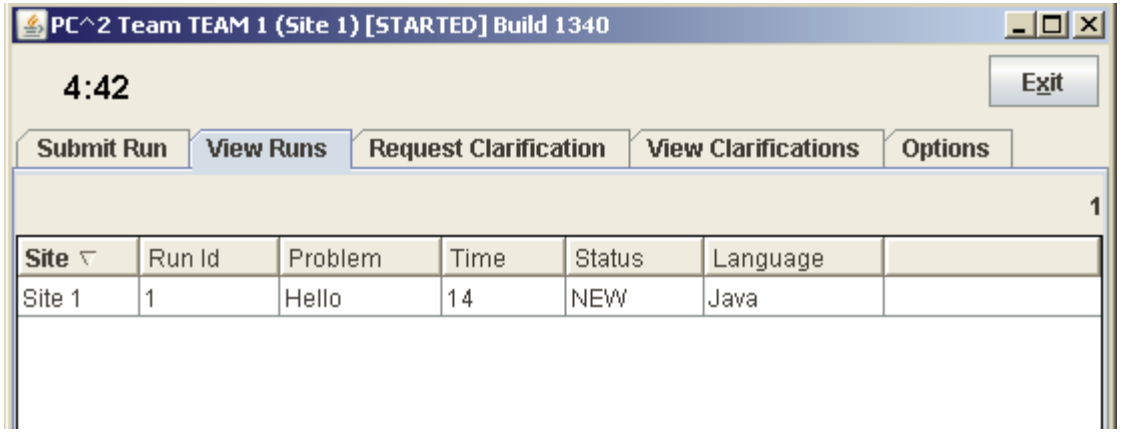
- Click the **Test** button
- This will make a "**TEST RUN**", meaning it will compile and execute your program *on **your machine***.

- Once you are satisfied with the results of your Test Run, click the **Submit** button.





Run Results


PC^2 Team TEAM 1 (Site 1) [STARTED] Build 1340
4:42
Exit
Submit Run
View Runs
Request Clarification
View Clarifications
Options
1
Site
Run Id
Problem
Time
Status
Language
Site 1
1
Hello
14
NEW
Java

Run Judgement Received
Judge's Response
Problem: Hello
Language: Java
Run Id: 20
Judge's Response: Yes
OK

Details of Penalty

- Penalty = no. of minutes passed + no. of wrong submissions x 20

Example:

- If you have 3 **incorrect submissions** for Q.2, and you get a **correct submission** at 6:32 p.m.
- Penalty for Q2 = 32 + 3 x 20

- Grade for each question depends on penalty
- If you don't have any correct submission, you will get 0 for that question

Thanks & Good Luck!