Metropolitan State University
Minneapolis/St. Paul, Minnesota

ICS 365-01 Organization of Programming Languages
Fall 2022

Student Information Sheet

(This form will be used as the evidence of your attendance of the first class)

Last Name:_____   First Name: _____

Please check or list the courses you have completed or currently taking:

ICS/CFS/CYBR Courses (already taken)	√	ICS/CFS/CYBR Courses (currently taking)	√
MATH 215 Discrete Mathematics		MATH 215 Discrete Mathematics	
ICS 240 Introduction to Data Structures		ICS 240 Introduction to Data Structures	
ICS 340 Algorithms and Data Structures		ICS 340 Algorithms and Data Structures	
ICS 370 Software Design Models		ICS 370 Software Design Models	
ICS 372 Object-Oriented Design and Implementation		ICS 372 Object-Oriented Design and Implementation	
ICS 382/CYBR 332 Computer Security		ICS 382/CYBR 332 Computer Security	
ICS 383/CYBR 362 Networking Protocols and Analysis		ICS 383/CYBR 362 Networking Protocols and Analysis	
ICS 425 Client/Server Architectures		ICS 425 Client/Server Architectures	
ICS 440 Parallel and Distributed Algorithms		ICS 440 Parallel and Distributed Algorithms	
ICS 460 Computer Networks and Security		ICS 460 Computer Networks and Security	
ICS 462 Operating Systems		ICS 462 Operating Systems	
ICS 499 Software Engineering and Capstone Project		ICS 499 Software Engineering and Capstone Project	
CFS 264 Computer and Operating Systems Fundamentals II		CFS 264 Computer and Operating Systems Fundamentals II	

Please mark all applicable items below

- Operating Systems (you have used before):

__ MS Windows   __ MAC OS   __Unix/Linux   Others _____

- Programming Languages (you have used before):

__ C   __C++   __Java/C#/JavaScript   __Perl/Python   Others: _____

- Which programming language do you feel more comfortable and confident to write a program?

__ Java   __ Python   __ C/C++   __ C#   __ JavaScript   Others: _____

- Years of experience with programming or any IT related work _____, and under which system(s) _____

Your interest, motivation, and expectation in taking this class:

_____
_____
_____

Please go to the next page to complete Quiz 0, which is mandatory

The purpose of this quiz is to check your background so there is no credit for it. However, it will be used for verifying your attendance of the first class which is mandatory. After you complete it, please save it along with the previous information sheet as a pdf file and then upload it to D2L under the dropbox for InfoSheet/Quiz 0 before the deadline.

Please bold or <mark>highlight</mark> your answer below. One per question.

1) For any sets X, Y, and Z, which of the following statements defines the distributive law for $X \cup (Y \cap Z)$?

   A. $X \cup Y \cap Z$
   B. $(X \cup Y) \cap Z$
   C. $(X \cup Y) \cap (X \cup Z)$
   D. $(X \cap Y) \cup (X \cap Z)$

2) An object is an instance of a _____

   A. program
   B. class
   C. method
   D. data
   E. _____

3) The operation for adding an entry/item to a stack is traditionally called

   A. add
   B. append
   C. insert
   D. push

4) In Java, a constructor is

   A. a class
   B. a method
   C. an object
   D. a variable

5) Please ***manually*** trace the Java program given below and then predict the output.

```java
public class Test {
  public static void main(String[] args) {
    for (int i = 0; i < args.length - 1; i++) {
      System.out.print(args[i] + " ");
    }
    System.out.print("\n");
  }
}
```

What is the output if the program above is executed as `java Test 1 2 3` *from the command line?*

   A. `2`
   B. `2 3`
   C. `1 2 3`
   D. `1 2`
   E. None of above. The output should be: _____