## CIS 1400: Programming and Logic Technique Lab Assignment

Lab Assignment	#1 – Computers and	l Programming
Due Date	08/27/2010	
(beginning of class)		
Points	Light-Bot 2.0 World	
		/ 15 pts.
	Programming Langua	ges Research
		/ 13 pts.
	Multiple Choice	/ 12 pts.
	Total	/ 40 pts.

## **Lab Assignment #1 Activities**

Name:

- 1. Work **with a partner** to solve one of the following Light-Bot 2.0 worlds (<a href="http://armorgames.com/play/6061/light-bot-20">http://armorgames.com/play/6061/light-bot-20</a>):
  - World #1: <a href="http://armor.ag/1TKrh">http://armor.ag/1TKrh</a>
  - World #2: <a href="http://armor.ag/1TFM2">http://armor.ag/1TFM2</a>
  - World #3: <a href="http://armor.ag/1TLob">http://armor.ag/1TLob</a>

Identify the steps to solve the world: (15 points)

Solution Steps**	
	Solution Steps**

<sup>\*\*</sup>use the following abbreviations:

WF	walk forward
T90R	turn 90 degrees right
T90L	turn 90 degrees left
JMP	jump
LUT	light up tile

## CIS 1400: Programming and Logic Technique Lab Assignment

- 2. Using the Web, address the following objectives as you research **any** of the programming languages listed in Table1-1 on page 16 of your textbook.
  - Who was the creator of the language?
  - When was the language created?
  - Was there a specific motivation behind the creation of the language? If so, what was it?

a) In your own words, create a few short sentences that cover the above points

in a grammatically correct, concise and logically flowing manner. (10 points)

b) Create a posting of your research on the Blackboard Discussion Board under the Forum titled "**Programming Languages (Lab #1)**. Include the link to where you found your information on the Web. Only the **first two** postings for any language will get credit, **so post early!** (3 points)

Completed

3. Answer the following **Chapter 1 Multiple Choice Review Questions** on pages 22 to 23 of your textbook. (12 points)

Question Number	Your Answer
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
19	
20	

College of DuPage 2 CREngland

## CIS 1400: Programming and Logic Technique Lab Assignment

21	
22	
23	
24	
25	