

Exercise 1.

Write a program using stdNt that satisfies the following requirement: A student needs to reach the door of the classroom.

For all exercises a student will be chosen by chance will run their program in front of the class.

- a.) Write a program that allows any student to reach the goal.
b.) Also use the memory model (program counter, variables, etc) shown in the slides. And write a complete run of your program.

- No whiles and if's
- You can use distances, ages, furniture, etc. Everything within the room.
- Between the student and the door there are no objects
- Make the assignment on your own
- Only use pen and paper

Exercise 2.

The same as exercise 1, but now include objects between the student and the door. You are allowed to use if's but not whiles.

Exercise 3.

- a.) As exercise 2, but now include at least 1 while.
b.) Discuss the differences between: is it shorter, is it more readable, are the amount of variables the same, etc?

End of the assignment