CompSci 94 Extra Sample Exam 2 Questions October 25, 2022	 Practice writing code on paper Write the code on paper, like you will do on the exam
Prof. Susan Rodger	
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Problem 1a Procedure (Rewritten Spring 18 Quest 11) declare procedure mystery with parameters: WholeNumber inum? (do in order (finite is say inumber is 5) add detail (bis is say inumber is 6) add detail (fis is say inumber is 6) add detail (bis is say inumber is 8) add detail	Problem 1b Procedure (Rewritten Spring 18 Quest 11) declare procedure mystery with parameters: WholeNumber = num1, WholeNumber = num2, WholeNumber = num3 do in order f = [mm] < @] is true then
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declare procedure mystery2 with parameters: (DecimalNumber)=value, (DecimalNumber)= amount Add Parameter	Write Torto i
do in order <pre> ff [ETTHER [value > 3.0] OR [amount] < 1.0]] is true then if [value > amount] is true then if [value > amount] is true then else if [BOTH [value > 2.0] AND [value > amount]] is true then if [BOTH [value > 2.0] AND [value > amount]] is true then if [BOTH [value > 2.0] AND [value > amount]] is true then if [BOTH [value > 2.0] AND [value > amount]] is true then if [BOTH [value > 2.0] AND [value > amount]] is true then if [BOTH [value > 2.0] AND [value > amount]] is true then if [BOTH [value > 2.0] AND [value > 2.0] , amount [0.5] anda says:</pre>	 This proced One param One param The tortois Then the toris Then the fright Otherwise somePaint

Write the procedure paintFriend ✓ Scene initializeEventListeners myFirstMethod Tortoise paintFriend №

declare procedure paintFriend with parameters: Biped friend, Paint SomePaint Add Parameter

Problem 3a: Write **Tortoise** Procedure **paintFriend**

- This procedure has **two parameters**
 - One parameter of type **Biped** named **friend**
 - One parameter of type Paint named somePaint The tortoise and friend turn to face each other. Then the tortoise moves stopping about 0.5 units in front of the friend. Then if the tortoise is taller than the friend, the friend is painted red. Otherwise the friend is painted the color of somePaint.

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3B) Calling tortoise paintFriend procedure

• Give the call for when the tortoise and pig are to turn and face each other, the tortoise moves over to about half a unit in front of the pig, and then if the tortoise is taller than the pig, then the pig is painted red, otherwise the pig is painted purple.

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3C) Calling tortoise paintFriend procedure

• Give the call for when the tortoise and bunny are to turn and face each other, the tortoise moves over to about a half a unit in front of the bunny, and then if the tortoise is taller than the bunny, then the bunny is painted red, otherwise the bunny is painted blue.

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