

CSCI 4220

– Assignment 3 –

1 Instructions

Each group should submit their solution to the Blackboard in a pdf file format.

IMPORTANT: Neatness of presentation is very important. Solutions must be clearly written and clearly formatted otherwise you may lose a considerable number of points.

2 Problem (100 points)

Develop a set of equations capable of type-checking programs in your language. Your equations should reflect the ideas discussed in class (e.g., they should make use of the function `typeOf` and `typeCheck`). In addition, you should include your grammar along with your definitions.