Assignment 40
Adam Di Cioccio and Sara Mehari

Task #1: Is your language "off-side"? (1 mark)

My language is not off side and it does not use indentation in order to determine function or method bodies. My language uses { } as well as ; in order to determine when function body is terminated.

Task #2: Alternative specification – 2 example programs (2 marks)

EXAMPLES ATTACHED IN FOLDER.

Task #3: What would need to change (2 marks) (Four things)

1. The first thing I would change is removing the LBR_T and RBR_T from the token list in scanner.h and replace them with TAB tokens to indicate the function header and body.

2. Another thing I would remove is the semicolon and replace it with NEWLINE token as when the line comes to an end so does the statement making the next statement start on the next line.

3. Also if I wanted to make the language off side I would have to change how my white spaces would act. Instead of whitespaces being part of the statement they would be used to identify new lines.

4. I would also have to find a way to error check with this new language as there are no semi colons.