

# 1)General Evaluation

The program works, the winner is announced correctly and the program uses memory efficiently. The program still doesn't have a GUI, something which might be a later addition.

## 2)Evaluation of quality and performance:

### a) Quality

- i) I have tried to use functions where I can to make my code more manageable, maintainable and more efficient. Using functions makes the code more efficient as they reduce the lines of code needed in the program the same lines of code need to be run multiple line of code, this reduces how much memory your program needs to use and it also has the added advantage of giving anyone else who looks at your code ease of readability. I feel I started off commenting the code very well but later on the code I started to get lazy and stop commenting as much. In terms of naming conventions, I believe I have used appropriate names for my variables and I think if another developer looks at my code they would easily be able to infer what the variable is used for just by reading it. In terms of documentation I feel I have done pretty well as I usually kept the documents in a pdf format meaning they could easily be viewed on virtually any OS without needing specialist software..

### b) Performance:

- i) My program runs successfully and has no random crashes unless there is a runtime error in cases where the user has too less Memory. In this case I would need to tweak my code to make it more efficient, or tell the user to clear some RAM.

## 3)Coding conventions choices:

### a) Naming conventions

- i) In my code I have used camelCase and correct variable names which correctly identify what data is stored in them. I did this to make my code more maintainable and manageable if someone else is going to view my code later on in the future.

**b) Functions**

- i) In my program I have used a few functions which is used for various tasks. I decided to use functions because it makes my code more efficient and maintainable.