6, The int type can represent the number 6 million

7, The second one produced an error because they are two different data types and can't be concatenated.

11a, The output is how many characters are contained in the activity variable

11b, The output will be every letter except the last letter.

12, that specific string of letters is present in the phrase

Conclusion Questions

1. There are 40 characters in that sentence. Yes it matters because it will affect the size of the file.
2. I think the output will be 'd ano'. The RAM is being used to store the variables temporarily and when the program is stopped then the information is lost unless it is located somewhere else.