Analysis of task 1

**What I’m going to do:**

Design, test and build a program that is able to validate and calculate GTIN-8 (Global trade identification number-8) product codes. The end-user will be able to select whether to check validity or calculate the codes.

**End Goals:**

* The program should be easy to use
* The program should be able to calculate a GTIN-8 product code
* The program should be able to check the validity of a GTIN-8 product code
* The program should allow the user to select which of the functions they wish to use
* The user should be able to select whether to check/calculate another code, or exit the program once they have done 1 code