

**INF211**  
**ALGORITHMS AND PROGRAMMING**  
**LABORATORY LEAFLET**  
**STUDENT VERSION**

**LABORATORY-1: Variables/data input and  
output, Conditional Statements in C Programming**

**LABORATORY 1**

Task	Statement	Explanation
<b>1</b>	<b>Variable definition</b>	Define variable and scanf, printf and simple calculations

**Task 1:** Ask the user for the numbers x, y in integer format and z in double format. For these numbers, perform the operations  $x+y$ ,  $x*y$ ,  $x/y$  (the result will be double format) and  $x*y*z$  (the result will be double format) and print the results on the screen. Consider why the result of division (which is  $x/y$ ) cannot be done correctly.

#### Instructions for submission

- For each task, separate assignment will be opened, and students should upload the their tasks to related assignment sections.
- Each c files must have specific name format as "id\_TASK-n\_main.c". id is the student number. If your digit number of the student number lower than 12 please add zero to left side of your student number until reaching 12 digits.
- In the main c file, if you define functions, you should create separate c files for these functions, and you should give name them as "id\_TASK-1\_func1.c". Similarly, id is the student number and fucn1 is the function name which we will give the name of it if you need to use function.

**As note:** The example naming is given in Fig.-1 for this student: id=000011111111 and has main function, and having func1 in the main function which is also submitted with separate c files.

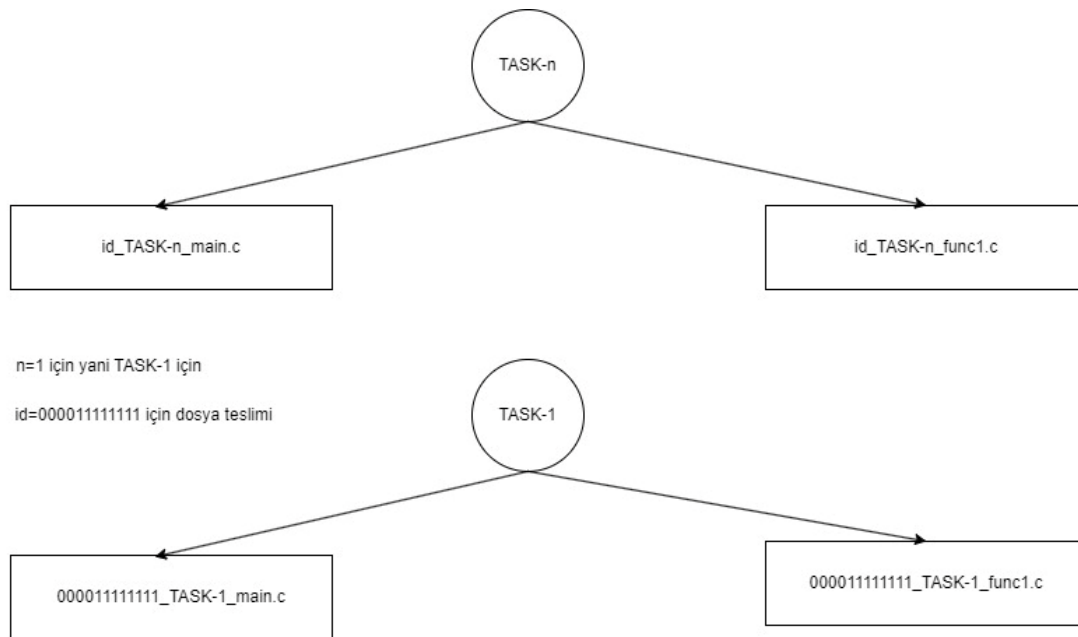


Figure 1 The diagram of the file name declaration for the submission