

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
2	Nested if/else	Calculation of function y using if else statement

Task 2: Calculate y according to equation given below by just using if/else statement.

$$y = \begin{cases} x^2, & x < 0 \\ x^2 + 5x - 10, & 0 \leq x \leq 10 \\ x^3, & x > 10 \end{cases}$$

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.

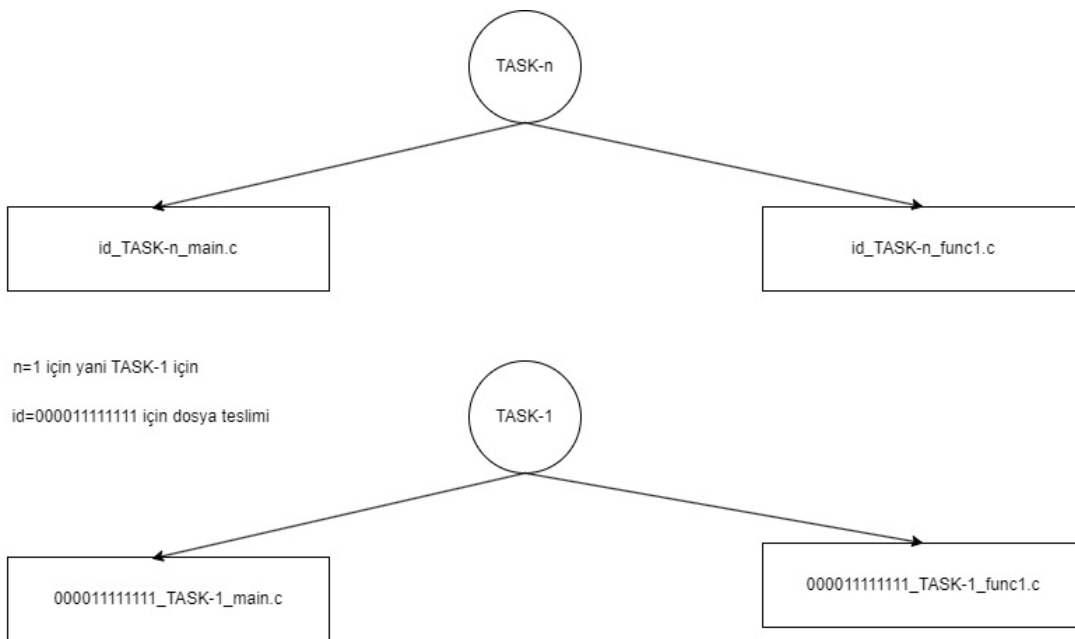


Figure 1 The diagram of the file name declaration for the submission