INF212
ALGORITHMS AND PROGRAMMING
LABORATORY LEAFLET
STUDENT VERSION

LABORATORY-4: Dynamic memory in C Programming

LABORATORY 4

Task	Statement	Explanation
1	Create memory for int using dynamic memory allocation	Malloc, realloc, calloc functions

Task1: Write C program that creates memory for int variables using malloc(), calloc() and realloc() and print the content.

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.
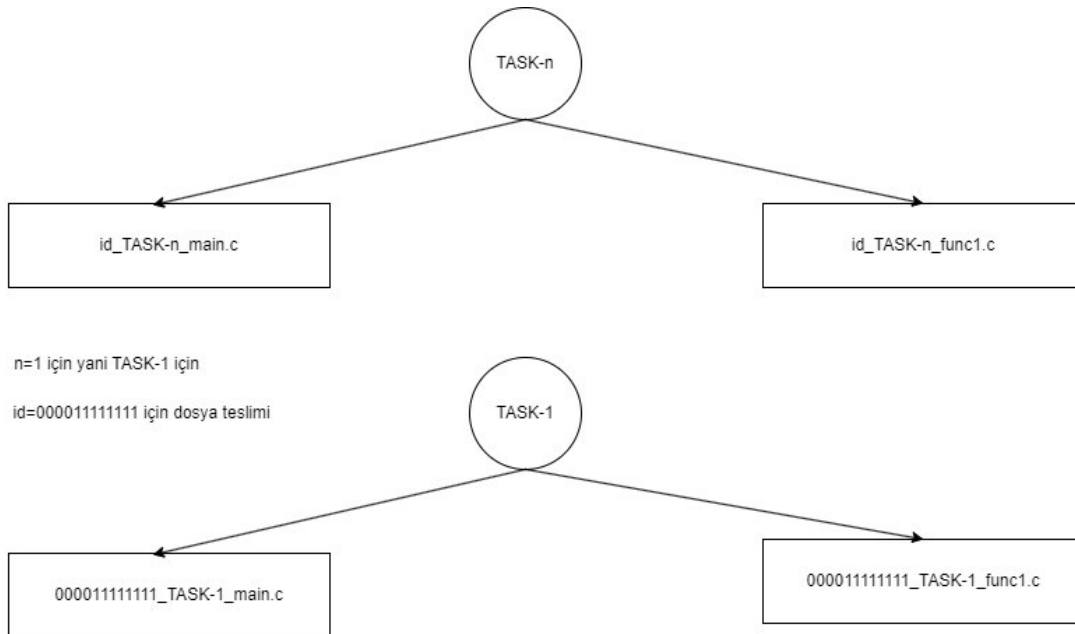

Figure 1 The diagram of the file name declaration for the submission