

**INF212**  
**ALGORITHMS AND PROGRAMMING**  
**LABORATORY LEAFLET**  
**STUDENT VERSION**

**LABORATORY-3: Arrays and Pointers in C**  
**Programming**

**LABORATORY 3**

Task	Statement	Explanation
3	1D Array and Pointers	Print the addresses of elements in an array using for loop

**Task-3:** Make an empty array of N elements and initialize it. Print each element and its address **using pointer arithmetic** to increment the index.

#### 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.

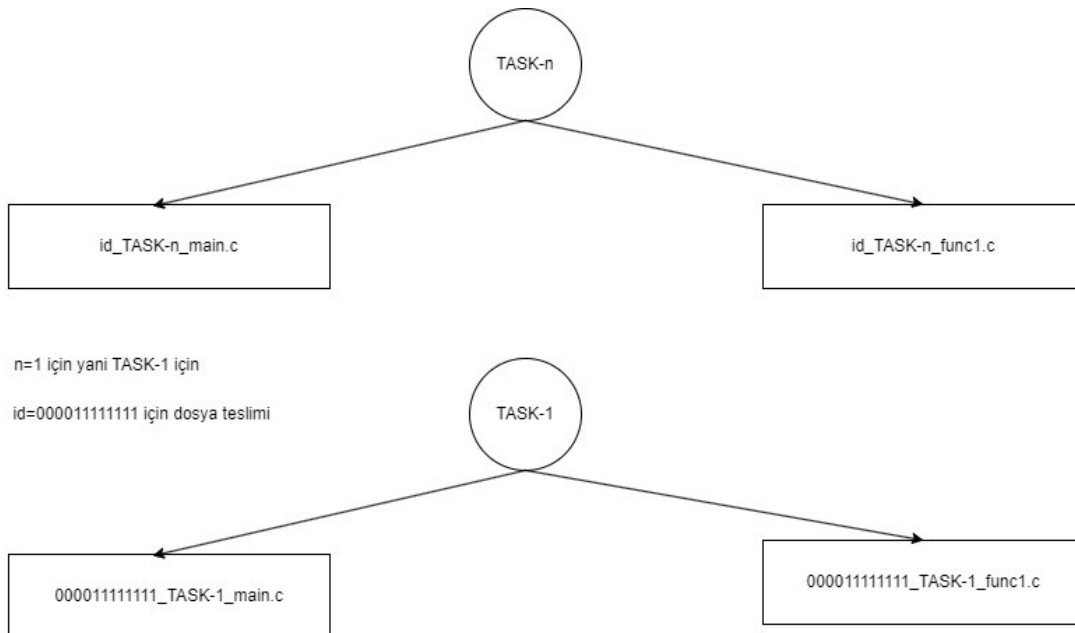


Figure 1 The diagram of the file name declaration for the submission