

UMass Boston CS 240
Homework 5
Due on December 1 at 5 PM (EDT)

Information:

- Homework files uploaded on: <https://cs.umb.edu/~aaditya/hw/05>
- Required comment on top of the program file, please fill the following details:

- Your Name
- Date when created file
- How you approached the solution
- Challenges faced

- Following homework files need to be submitted on Gradescope:

The filenames are case sensitive, kindly put all filenames as lowercase.

- program1.c – 25 points
- program2.c – 20 points
- readme.txt – 5 points
 - a. Students worked with:
 - b. Books/Websites consulted:
 - c. Time spent on homework (hours):

- Attach screenshots of the output in case the Test on **Autograder fails** but you get the correct outcome on your console.

Homework programs (2):

More instructions are given in the homework program files.

1. program1.c: C program to implement array using pointers. Iterate the array calculating the sum of all elements. Print the sum and free the memory where the array is stored.

Sample input:

7

1 13 15 20 12 13 2

Output:

76

2. program2.c: C program to print each word of a sentence in a new line

Sample input:

Learning C is fun!

Output:

Learning

C

is

fun!