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

1. 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!