



LectureAssignment-1 on Basic C Programming and Algorithm

1. Suppose you are given five characters, *a*, *b*, *c*, *d*, *e*.

Write a RECURSIVE program using C/C++ to print the all the strings that can be formed in the following form, keeping the second character as *b* and the fourth character as *d* to be fixed.

—	<i>b</i>	—	<i>d</i>	—
---	----------	---	----------	---

2. Write an algorithm (pseudo code) for the same.
3. Include the code (.c/cpp file), the output screenshot image (.png file), and the written algorithm (.pdf file) in a single .zip file and upload.

(10 + 10)