

UE17CS152: PROBLEM SOLVING WITH C
WEEK 9 :DYNAMIC MEMORY ALLOCATION USING MULTIPLE FILES

Program1:Write a C program to read an array of int as arguments, create a dynamic array populate with squares of elements in the array.Client will display the array and then deallocate the array.

Program2:Write a C program to allocate memory dynamically for the structure called employee.The members of the structure are SSN,Name,Department..Client will read and display the structure and then deallocate the structure.

Program3:Write a C program to allocate memory dynamically for the structure called course.The members of the structure are CourseCode and coursename.At the begining of the semester student registers for all the 6 courses,Later he drops few courses then,reallocate memory for the given number of courses and register once again from the student. Client will display the courses for the semester after dropping the courses.