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**COURSE NAME : DATA STRUCTURES FOR MODERN COMPUTING SYSTEMS**

**COURSE CODE : CSA0302**

**8.** **WRITE A C PROGRAM TO PERFORM FACTORIAL WITHOUT RECURSIVE FUNCTION**

**C PROGRAMMING CODE:**

#include <stdio.h>

int main() {

int n, i, fact = 1;

printf("Enter a number: ");

scanf("%d", &n);

for (i = 1; i <= n; i++)

fact \*= i;

printf("Factorial = %d", fact);

return 0;

}

**OUTPUT:**

