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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:

```c
#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: