Experiment-3 : Factorial Without Recursion

3.Write a C Program To Find Factorial Of a Number Without Using Recursion.

Code :

#include <stdio.h>

int main() {

int number, i;

unsigned long long factorial = 1;

printf("Enter a number: ");

scanf("%d", &number);

if (number < 0)

printf("Error! Factorial of a negative number doesn't exist.");

else {

for (i = 1; i <= number; ++i) {

factorial \*= i;

}

printf("Factorial of %d = %llu", number, factorial);

}

return 0;

}

Output:

A screenshot of a computer

Description automatically generated