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#include<stdio.h>

intfactorialIterative(intnum){

int prod = 1;

for(inti=1; i<= num; i++){

prod \*=i;

}

return prod;

}

int main(){

intnum;

printf("\t\t\t\*\*\*ITERATIVE FACTORIAL FUNCTION\*\*\*\n\n");

printf("Enter Number:");

scanf("%d",&num);

printf("FACTORIAL of %d is %d",num, factorialIterative(num));

return 0;

}