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//Aim: WAP to find the factorial of a number using recursive function.
#include<stdio.h>

int factorialRecursive(int num);
int factorialRecursive(int num){
    if(num<=1){
        return 1;
    }
    return num*factorialRecursive(num-1);
}

int main(){
    int num;
    printf("\t\t\t***factorial recursive function***\n\n");
    printf("enter number:");
    scanf("%d",&num);
    printf("factorial of %d is %d",num,factorialRecursive(num));
    return 0;
}

/*
    ***factorial recursive function***

enter number:5
factorial of 5 is 120
*/

```