```c
#include<stdio.h>
int main(){
int n;
printf("Enter a number: ");
scanf("%d",&n);
int factorial=1;
if(n<0){
    printf("Please enter positive number");
}else{
    for(int i=1;i<=n;i++){
        factorial = factorial*i;
    }
printf("Factorial of %d is %d",n,factorial);
}

return 0;
}
```