```
enter the number
10
factorial of 10=24320_
```

```
enter the number
5
factorial of 5=120_
```

```
[■]
                                                    NONAME01.C
printf("enter the number\n");
scanf("%d",&num);
if(num>0)
{
fact=factorial(num);
printf("factorial of %d=%d",num,fact);
}
else
printf("error:given number is negative",num);
getch();
}
int factorial(int n)
{
int result;
if(n==1)
return(1);
else
result=n*factorial(n-1);
return(result);
}
```

NONAME01.

```c
#include<stdio.h>
#include<conio.h>
int factorial(int n);
void main()
{
int num,fact;
clrscr();
printf("enter the number\n");
scanf("%d",&num);
if(num>0)
{
fact=factorial(num);
printf("factorial of %d=%d",num,fact);
}
else
printf("error:given number is negative",num);
getch();
}
int factorial(int n)
{
int result;
```

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