

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
int fact (int n)
```

```
{  
    if (n == 0)
```

```
        return 1;
```

```
    return n * fact(n-1);
```

```
}
```

papergrid

Date: / /

```
void main()
```

```
{
```

```
int n;
```

```
clrscr();
```

```
printf("Enter the value of n:\n");
```

```
scanf("%d", &n);
```

```
pf("The factorial of %d = %d\n",
```

```
n, fact(n));
```

```
getch();
```

```
}
```