

```
__code print_factorial(int prod)
{
    printf("factorial = %d\n",prod);
    exit(0);
}
__code factorial0(int prod, int x)
{
    if ( x >= 1) {
        goto factorial0(prod*x, x-1);
    }else{
        goto print_factorial(prod);
    }
}
__code factorial(int x)
{
    goto factorial0(1, x);
}
int main(int argc, char **argv)
{
    int i;
    i = atoi(argv[1]);

    goto factorial(i);
}
```