```
int main(void) {
  int fact = factorial(4);
  return 0;
}
                                    4
         int factorial(int n) {
                                 3
            return n * factorial(n - 1);
         }
                                       3
             int factorial(int n) {
                                    2
                return n * factorial(n - 1);
             }
                                          2
                 int factorial(int n) {
                                          1
                    return n * factorial(n - 1);
                 }
                                              1
                     int factorial(int n) {
                                             0
                        return n * factorial(n - 1);
                     }
                                                 0
                         int factorial(int n) {
                                                  -1
                            return n * factorial(n - 1);
                         }
```

When does it end?
Never