|  |  |
| --- | --- |
| Current Executing | Stack |
| Main() |  |
| Fact(5) | Main() |
| Fact(4) | Fact(5) Main() |
| Fact(3) | Fact(4) Fact(5) Main() |
| Fact(2) | Fact(3) Fact(4) Fact(5) Main() |
| Fact(1) | Fact(2) Fact(3) Fact(4) Fact(5) Main() |
| Fact(0) | Fact(1) Fact(2) Fact(3) Fact(4) Fact(5) Main() |
|  |  |
| **1** | Fact(1) Fact(2) Fact(3) Fact(4) Fact(5) Main() |
| Fact(1) | Fact(2) Fact(3) Fact(4) Fact(5) Main() |
| a\*Fact(0) =**1 \*1 =1** |  |
|  |  |
| Fact(2) | Fact(3) Fact(4) Fact(5) Main() |
| **2** |  |
|  |  |
| Fact(3) | Fact(4) Fact(5) Main() |
| **3\*2=6** |  |
|  |  |
| Fact(4) | Fact(5) Main() |
| **4\*6=24** |  |
|  |  |
| Fact(5) | Main() |
| **5\*24=120** |  |
|  |  |
| Main() |  |