0000000000401130 <main>:

```
401130:  cmp    $0x4,%edi
401133:  jl     401183
```

```
401150:  add    $0x1,%esi
401153:  mov    %edi,%eax
401155:  cltd
401156:  idiv   %esi
401158:  test   %edx,%edx
40115a:  je     401169
```

```
40115c:  cmp    %ecx,%esi
40115e:  jl     401150
```

```
401169:  mov    $0x1,%al
40116b:  cmp    $0x1,%edi
40116e:  je     401183
```

```
401170:  test   %al,%al
401172:  jne    401183
```

```
401174:  push   %rax
401175:  callq  401110
40117a:  mov    %eax,%edi
40117c:  add    $0x8,%rsp
401180:  mov    %edi,%eax
401182:  retq
```

```
401183:  mov    %edi,%eax
401185:  retq
```