

```
Main
  t0 := NEW FacFib
  _t1 := CALL _t0.Compute(5,10)
  PRINT _t1
  EXIT
```

```
FacFib Compute
if goto block_1 else goto block_2
```

true

false

```
block_1
fac := CALL this.ComputeFac(first)
goto block_3
```

```
block_2
returnValue := 0
goto block_3
```

```
block_3
RETURN returnValue
```

```
FacFib ComputeFac
if num < 1 goto block_4 else goto block_5
```

true

false

```
block_4
fac := 1
goto block_6
```

```
block_5
fac :=
goto block_6
```

```
block_6
RETURN fac
```

```
FacFib ComputeFib
f0 := 0
f1 := 1
fib := num
i := 1
RETURN fib
```