

WhileProgram(bigNumber)

smallNumber \leftarrow 0

smallNumber < bigNumber ?

true

smallNumber \leftarrow smallNumber + 1

false

smallNumber

```
graph TD; A[WhileProgram(bigNumber)] --> B[smallNumber ← 0]; B --> C[smallNumber < bigNumber ?]; C -- true --> D[smallNumber ← smallNumber + 1]; D --> C; C -- false --> E[smallNumber];
```