Prove Z using Weakest Precond

```
                          Start
                            │
                            ▼
                      n = read()
                            │
                            ▼
                     ◇ n < 0 ◇
             true ◄──┘        └──► false
              │                      │
              ▼                      │
          n = -n                     │
              │                      │
              └──────►◯◄─────────────┘
                       │
                       ▼
                    i = 0
                       │
                       ▼
                    x = 0
                       │
                       ▼
                      ◯◄──────────────┐
                       │              │
                       ▼              │
                  ◇ i <= n ◇          │
          false ◄──┘       └──► true  │
              │                  │    │
              ▼                  ▼    │
          write(x)          x = x + i │
              │                  │    │
              ▼                  ▼    │
            Stop            i = i + 1 ┘
```

$$Z \equiv \sum_{t=0}^{n} t$$

```
          i <= n
  false              true

  write(x)          x = x + i

$$Z \equiv \sum_{t=0}^{n} t$$

   Stop            i = i + 1
```