```
         ( start )

  ┌─────────────────────┐
  │ choice,n1,n2,ans     │
  └─────────────────────┘

  ╱ read : choice ╱

        ◇ case 1 ◇ ──M── ╱ read : n1,n2 ╱          ans = n1+n2
           │U
        ◇ case 2 ◇ ──M── ╱ read:n1, n2 ╱           ans = n1-n2
           │U
        ◇ case 3 ◇ ──M── ╱ read : n1,n2 ╱          ans = n1*n2
           │U
        ◇ case 4 ◇ ──M── ╱ read : n1,n2 ╱          ans = n1/n2
           │U
        ◇ case 5 ◇ ──M── ╱ read : n1,n2 ╱          ans =n1%n2
           │U
        ◇ case 6 ◇ ──M── ╱ read : n1,n2 ╱          ans = pow(n1,n2)
           │U
        ◇ case 7 ◇ ──M── ╱ read : n1 ╱             ans = n1!

  ╱ write : invalid operator ╱

  ┌─────────────────────┐
  │       Stop           │
  └─────────────────────┘
```

| USER | | CALULATOR |
|------|--|-----------|

START

MENUE

SELCT

ASK INPUTS

ENTERS INPUTS

REUULT

EXIT