```
Lec6, HW 1
 · d: (4: w x: - (+ 5:) = 0
 · $13; = 0
 (. K; =0 => 4:W72:21
  Q; = 0 => A; = C
         => 5i = 0
         =) 7; w =: - 1 = 0
2.0 < 0; < c => 4:w72; = 1
   0< 0: < c => g: w x: - 1+ $i = 0, $i 70
             => 4: 6 x; -1 - 3; =0 , 5; =0
             => 4: w x: -1 = 0
3. di=c => g: w x; =1
   a:= c => 4:40 x:- 1 = 5: = 0
          €7 7:W'Z:=1-3;
          => y:w 2: 1
4. y: w x: > 1 => x: =0
  yiw x; > | => yiw x; - | + $; ≥ yiw x; - | > 0
             => x: =0 : x: (4: m7x: - 1+5: )= 0
5. 7: w'x; < 1 => x; = C
   y:w7x; < 1 ⇒ 0 ≤ y: w7x; - 1+ $; < $;
             => ロチ気
             => $ := 0
             => W: = C
```

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