**Attributes**

Face: Circle, Square

Nose: Triangle, Square

Eyes: Circle, Square

Hair: Yes, No

Smiley: Yes (+), No (-)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Face | Nose | Eyes | Hair | Smiley |
| Circle | Triangle | Circle | Yes | + |
| Square | Square | Square | Yes | - |
| Circle | Triangle | Square | Yes | + |
| Circle | Triangle | Circle | No | - |
| Circle | Square | Square | Yes | + |

Step 1: Initialization

H0 = ⟨*ϕ*, *ϕ*, *ϕ*, *ϕ*, *ϕ*⟩

Step 2: Instance 1

H1​ = ⟨Circle,Triangle,Circle,Yes⟩

Step 3: Instance 2

Ignore negative instance

Step 4: Instance 3

H2​ = ⟨Circle,Triangle,?,Yes⟩

Step 5: Instance 4

Ignore negative instance

Step 6: Instance 5

H3​ = ⟨Circle,?,?,Yes⟩