An example with hill climbing

- Target is st2

- Start from 0, 0

- f(0, 0) = 10 value gap

- Try (0,1) (1,0), (0,-1), (-1,0)

- Go to (0,1)

- Until reach (0,10)

- f(0,10) = 7 value gap

- Increase x

- Until reach (7,10)

- Done!


```
read x, y;

if(x+y>=10){
    st1;
    if(x>=7){
        st2; // target
    }
}
st3;
```