FUNKY FASHION STORE

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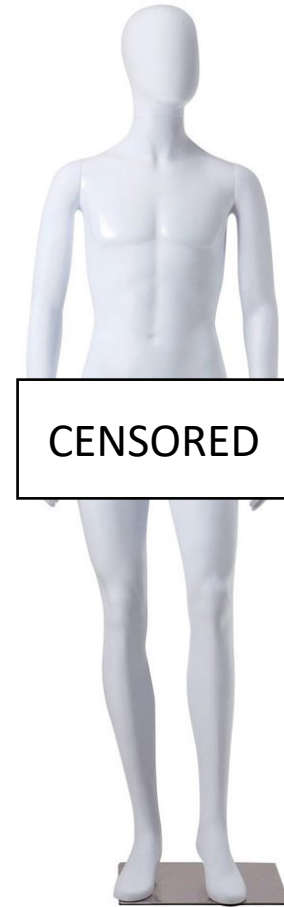# The problem

The problem

How can we dress this manequin?

With some style

Meaning

OPTIMIZING SOME CONSTRAINTS

CENSORED

Fashion Store Problem

Given a set of colored garments find a combination to dress your mannequin.

Constraints: some colors or garments don't go together, too many colors might be extravagant, too little colors is dull, …

Our inventory

Garments:

Pants
Shorts
Jackets
Scarfs
Ties
Gloves
Shirts
Hat
Sweater
Shoes

Colors:

Red
Yellow
Orange
Green
Blue
Purple
Brown
Pink
White
Black

Colors constraints

Yellow cannot go with white

Blue cannot go with purple

Blue cannot go with black

Red cannot go with green

Red cannot go with orange

Green cannot go with pink

Green cannot go with orange
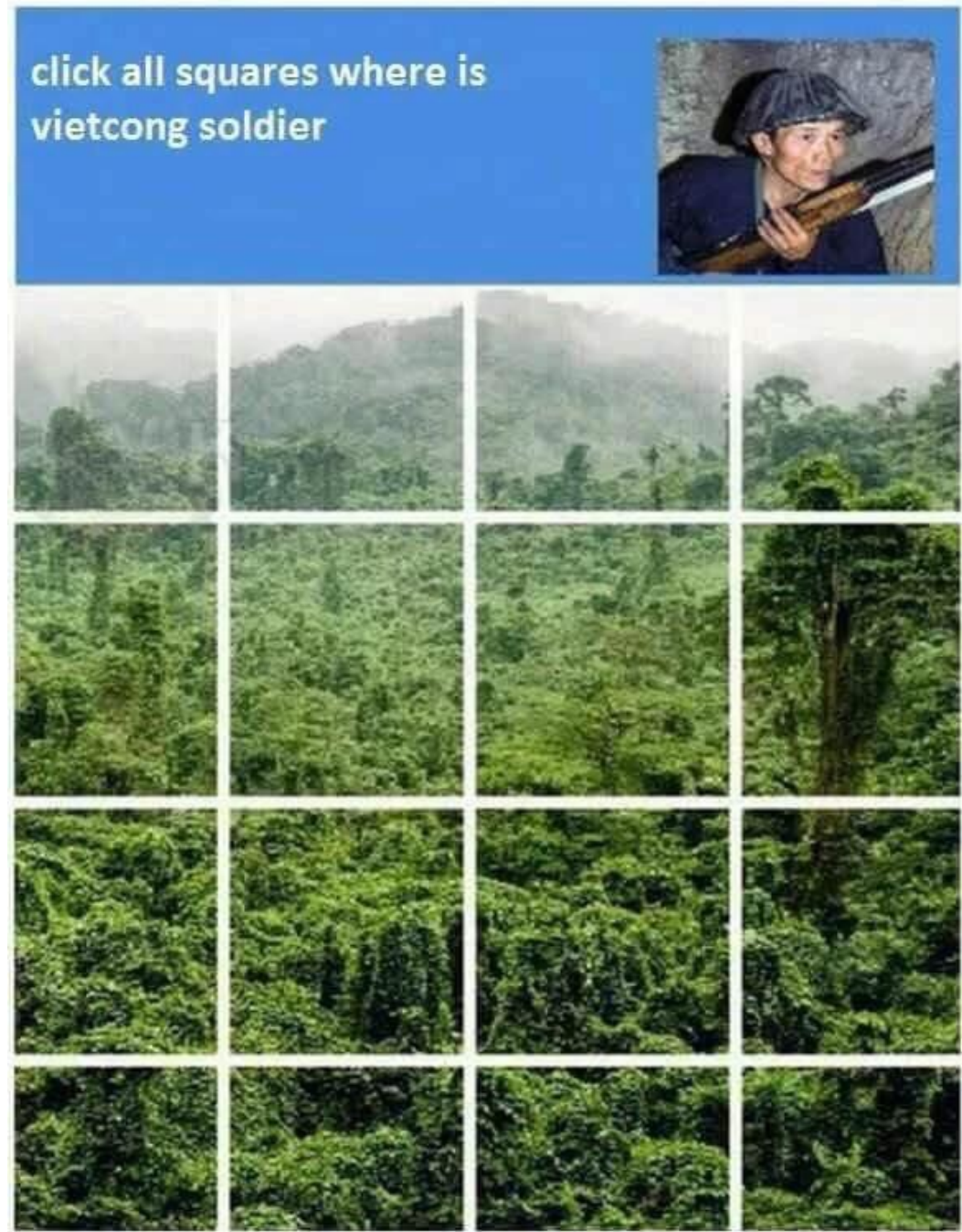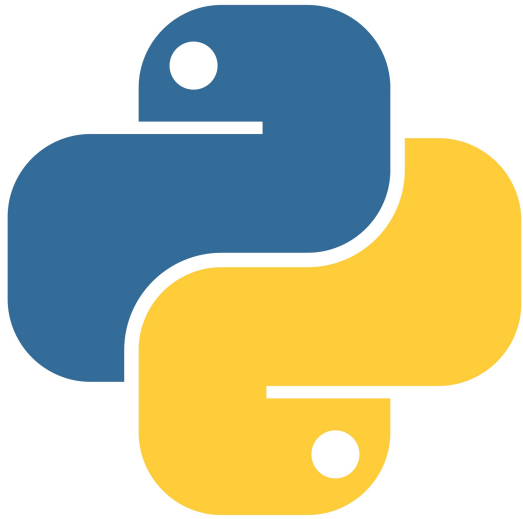
Garments constraints

Example

Let's dress a Vietnamese

Black/blue hat
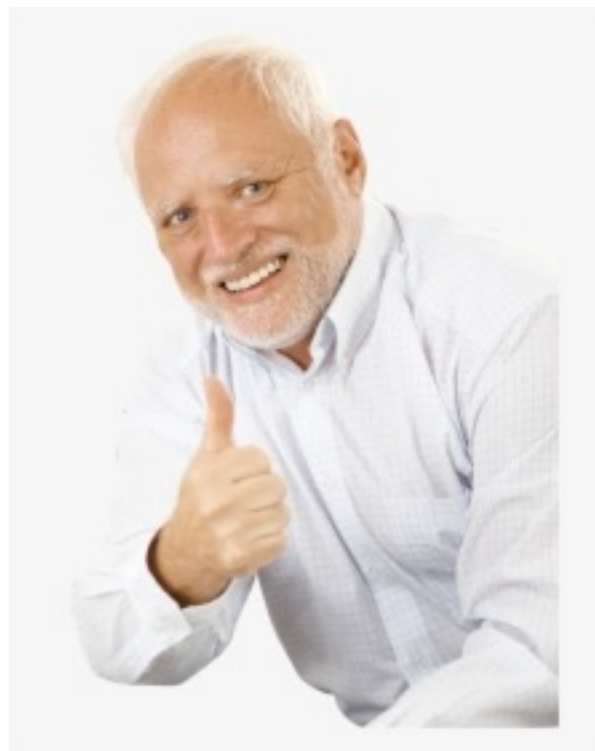
Blue shirt

Blue pants

Mosin Nagant (optional)

click all squares where is vietcong soldier

App architecture

Conclusion

The real solution

Questions?