

What is your name?

12 responses

roman
name
furkan
yodgor
sardor
tolek
muzrob
ayubkhon
leyla
arya
alisher
dmitriy

What city (or region) are you from?

13 responses



A word cloud visualization of 13 responses. The words are arranged in a circular pattern around the central word 'tashkent'. The words and their approximate colors are: 'tashkent' (blue, largest), 'fergana' (green, top), 'chirchik' (orange, left, rotated 90 degrees), 'samarkand' (pink, bottom-left), 'syrdarya' (yellow, bottom), 'bukhara' (red, bottom-right), and 'angren' (purple, right, rotated 90 degrees).

chirchik

fergana

tashkent

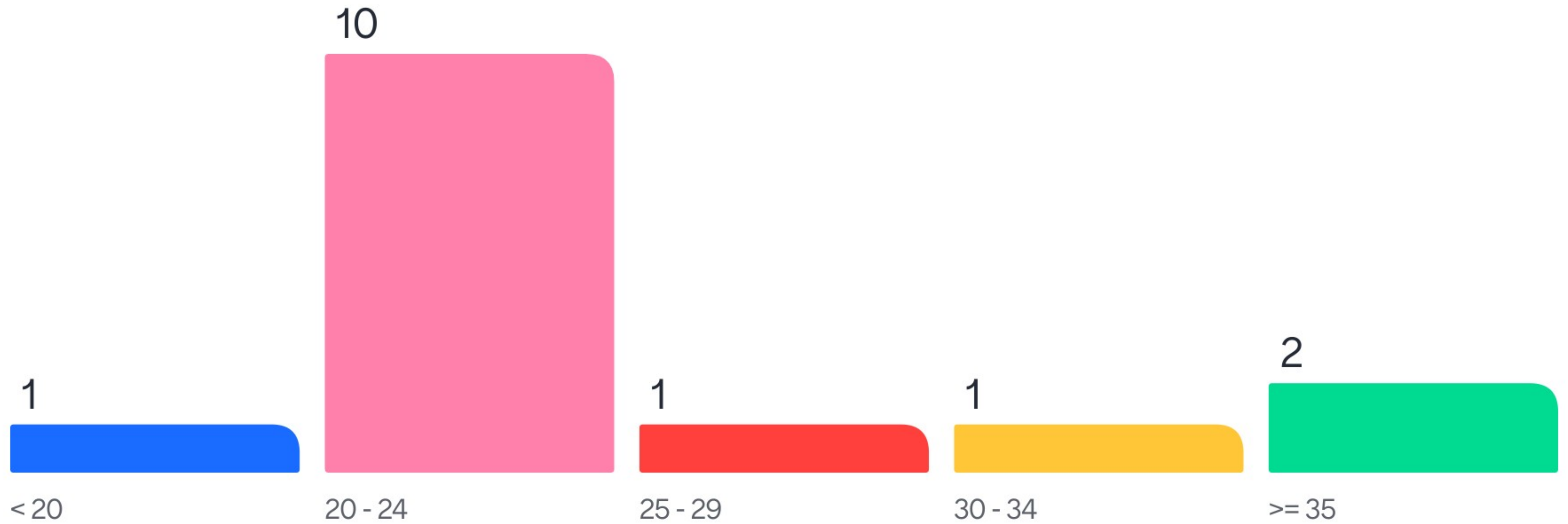
samarkand

bukhara

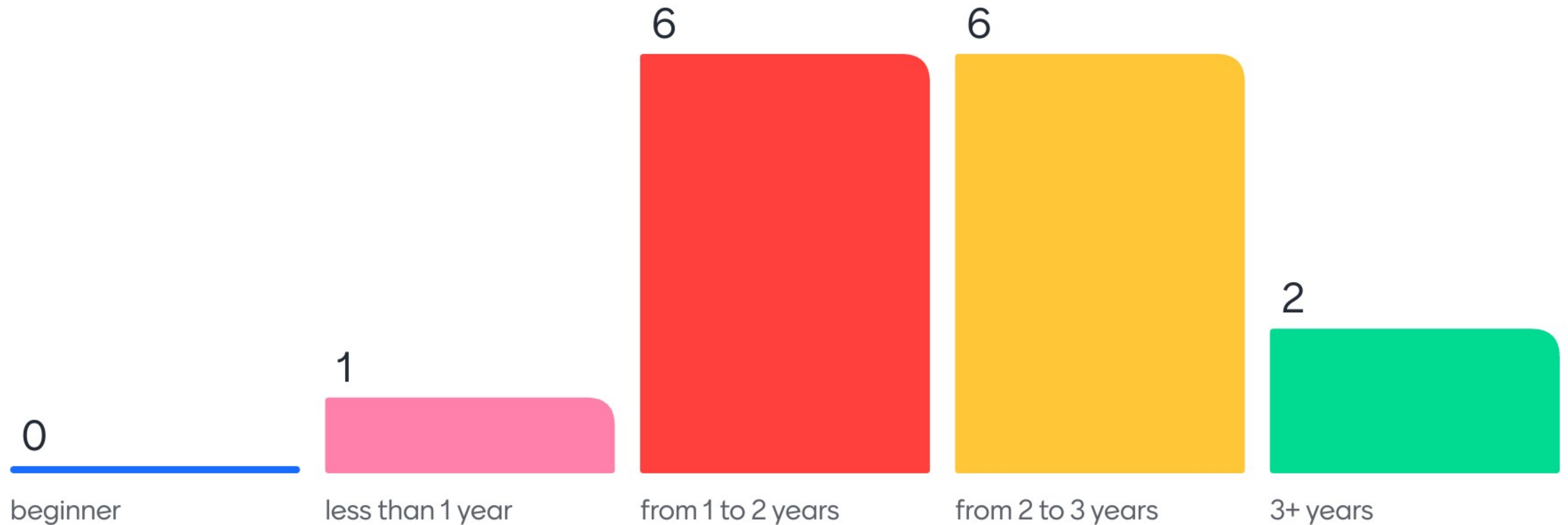
syrdarya

angren

How old are you?



How long have you been programming?



What programming languages have you picked up??

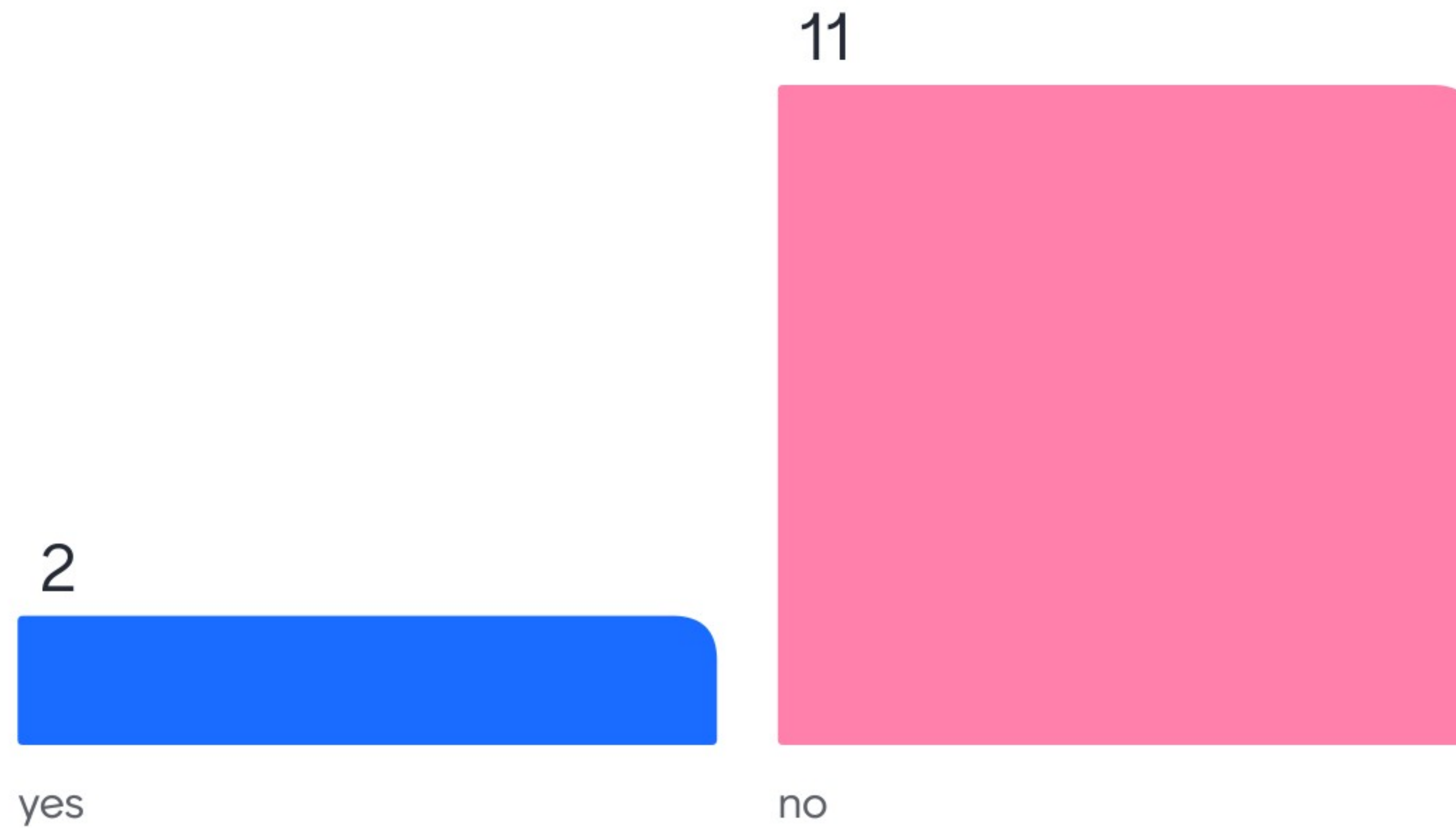
25 responses



A word cloud visualization of programming languages mentioned in 25 responses. The words are arranged in a cluster, with 'java' being the largest and most central. Other prominent words include 'javascript', 'python', 'typescript', 'sql', 'java ofc', 'javachi', 'kotlin', 'c', 'php', and 'gpt writes for me'. The colors of the words vary, including red, blue, green, yellow, pink, and orange.

typescript
sql
javascript
java
java ofc
javachi
kotlin
c
python
php
gpt writes for me

Have you looked into the first topic?



OOD and OOP stand for ...

object oriented design
and programming?

OOP - object oriented
programming OOD - no
idea

Object oriented design,
object oriented
programming

Object-Oriented Design

object-oriented
design/programming

object oriented design
and object oriented
programming

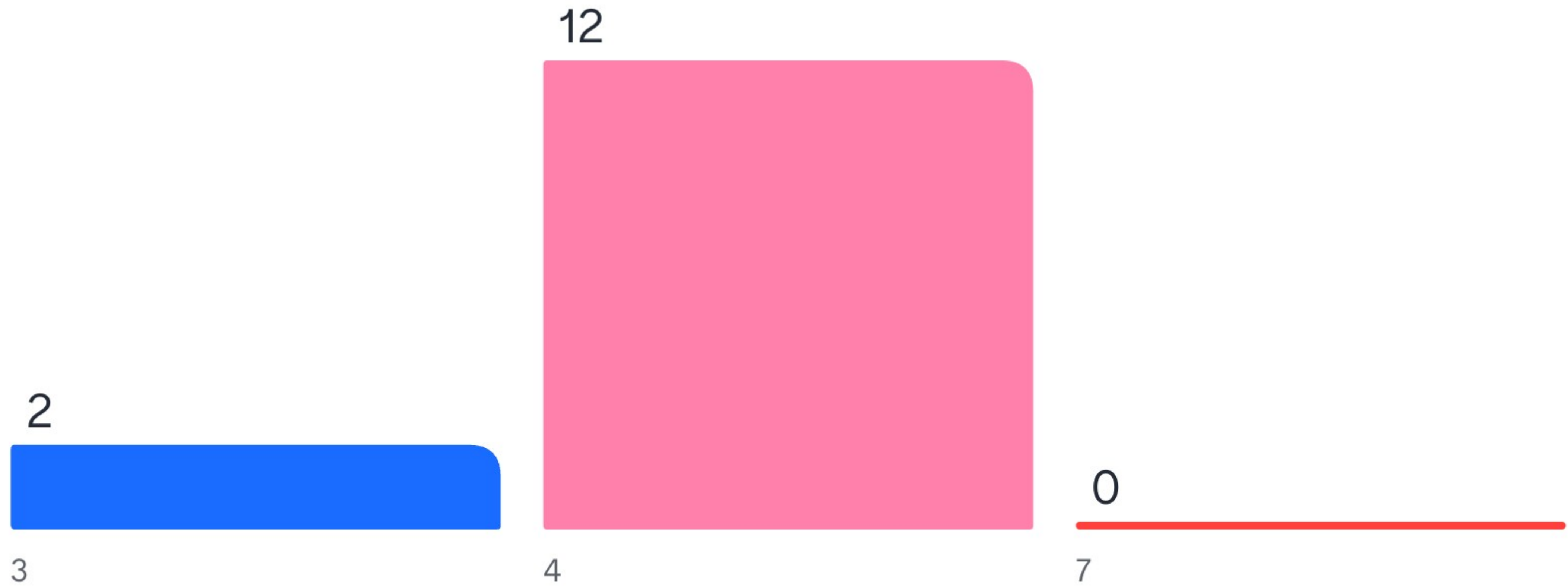
OOP - object oriented
programming OOD - object
oriented ?development?

object oriented
programming and
object oriented don't
know

OOD and OOP stand for ...

4

How many principles is there in OOP?



List OOP Principles

encapsulation

encapsulation,
inheritance,
polymorphism, and
abstraction

Encapsulate what
varies, single
responsibility

Generics

interfaces

oops i did it again

Provide examples of Polymorphism

method overloading
overriding

generics

list and linkedlist

Animal > Dog

When object has same
method but different
approach to it

interfaces

polymorphism lets one function
or method work in different
ways. For example, a move()
method can work for both cars
and animals, but behaves
differently for each.

Provide examples of Abstraction

Interfaces

Inteface >> Abstract
class

interfaces and abstract
classes

hiding the
implementation details
of an object from the
user

hides details to show
only essentials

vehicle > car, > bike

Provide examples of Inheritance

Parent and child
relationship (IS-A)

child overrides parent's
behaviour if that's
needed

allows a class to use
properties and methods
from another class

Parent - Child

vehicle > car, > bike

Provide examples of Incapsulation

hiding the fields by marking them private and providing public getters/setters

PasswordEncoders

keeps data safe by hiding it inside a class

DRY

Highlight another famous acronym used in OOP?

SOLID?

OOD

DRY

oops i did it again

SRP - single responsibility principle, DIP - dependency inversion principle

Low coupling,
Encapsulate what varies

principles makes pattern

Few more

- Encapsulate what varies
- Favor composition, not inheritance
- Program to interface
- Loose coupling

Design Pattern vs Design Principle

practice/theory kind of thing

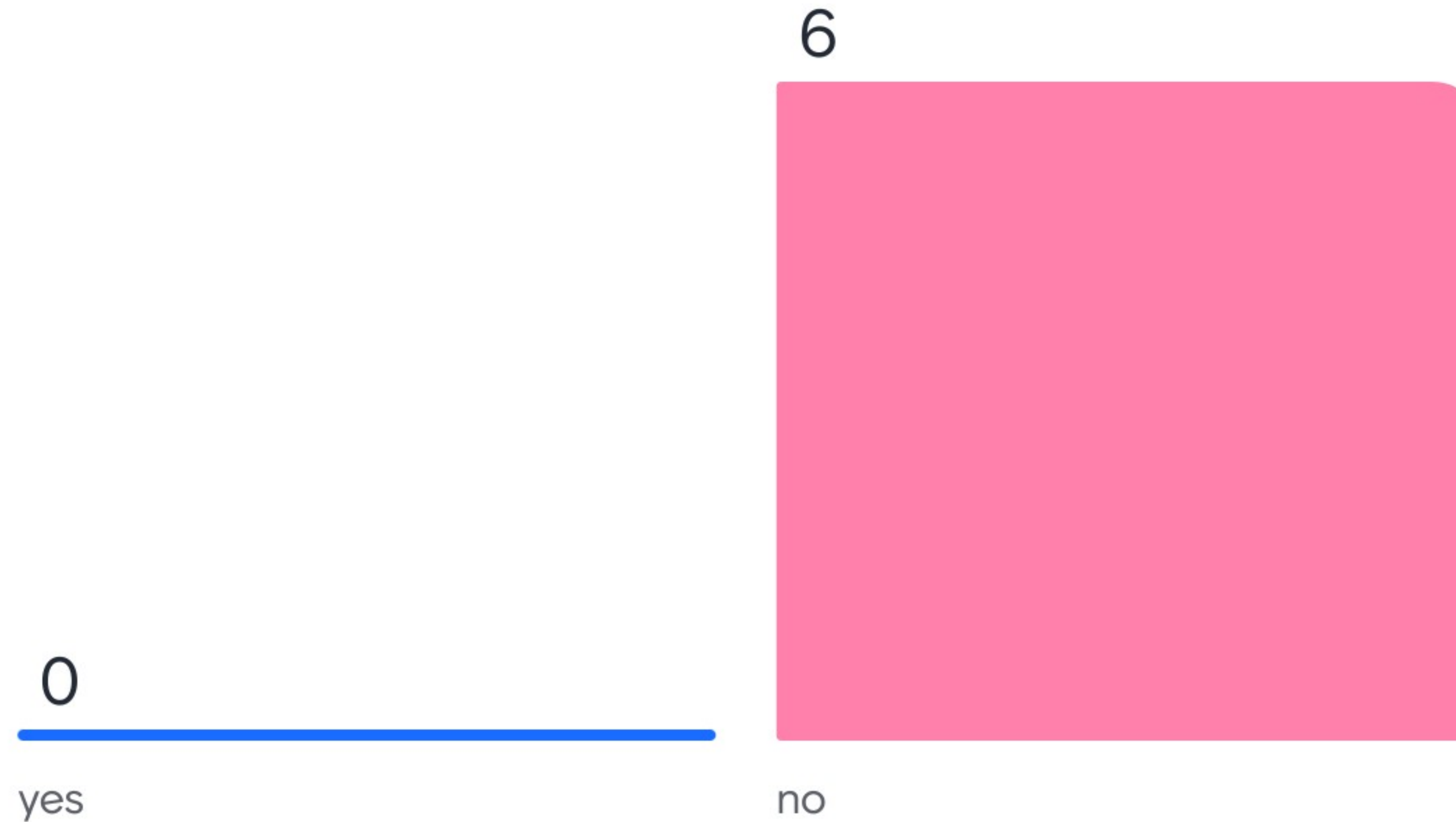
Design principle - guideline for better and clean code
Pattern - hands-on and prepared solution for design problems

Principles - guidelines,
Patterns - specific solutions to specific problems

Design Pattern are solutions to common problems,
Design Principles are general guidelines or rules

principles makes pattern ?

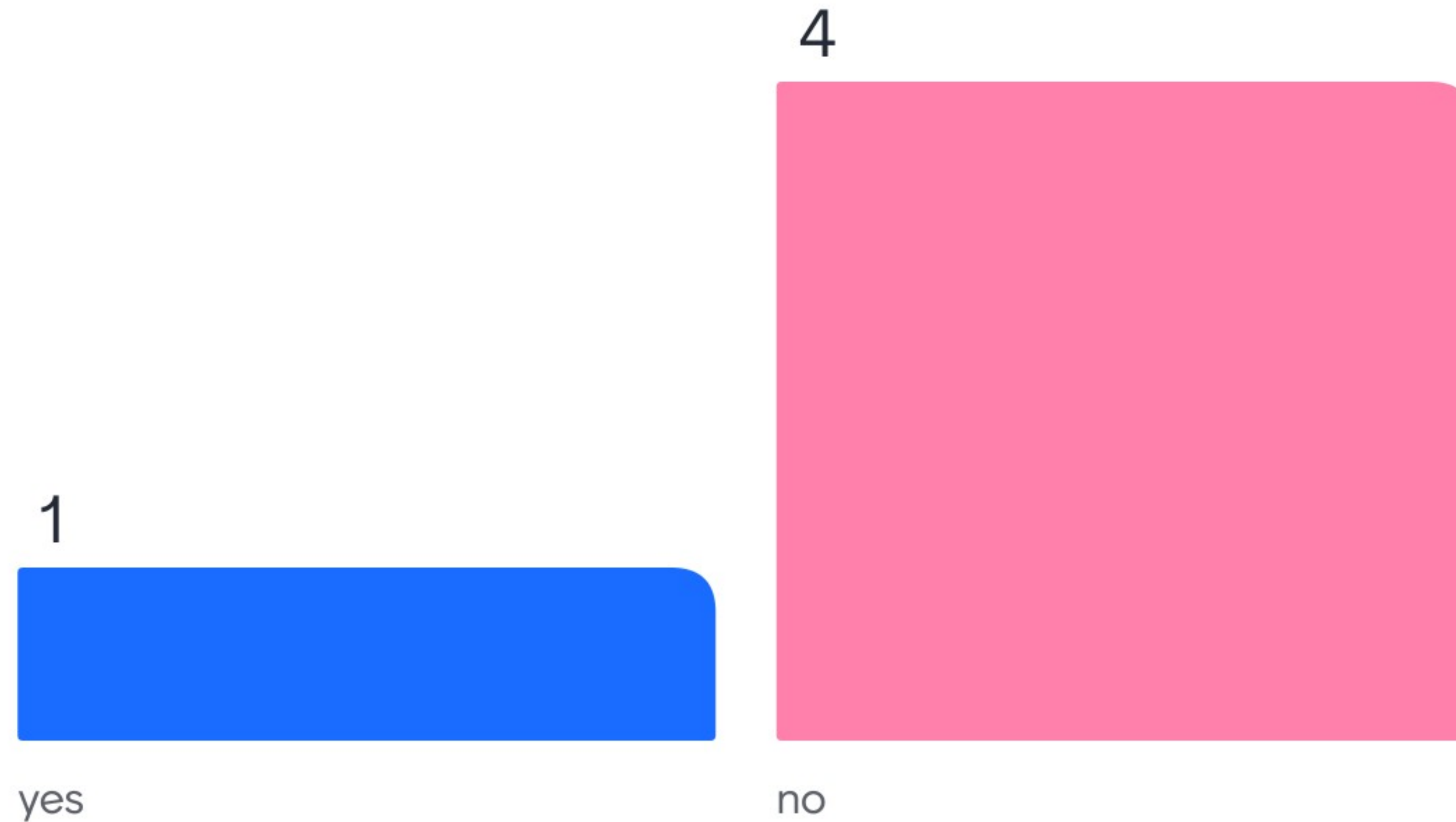
Have you heard about **General Responsibility Assignment Software Patterns**?



Learn

- Creator
- Expert
- Controller
- Loose coupling
- High cohesion

Have you looked through the practice part of the topic?



What is your expectation about this course?

new knowledge

how to apply best
practices to existing bad
code

more workshops and
knowledge checks are
preferred

new knowledge and how to
apply them in real-world
scenarios to improve code
quality

Q&A part

0 questions
0 upvotes