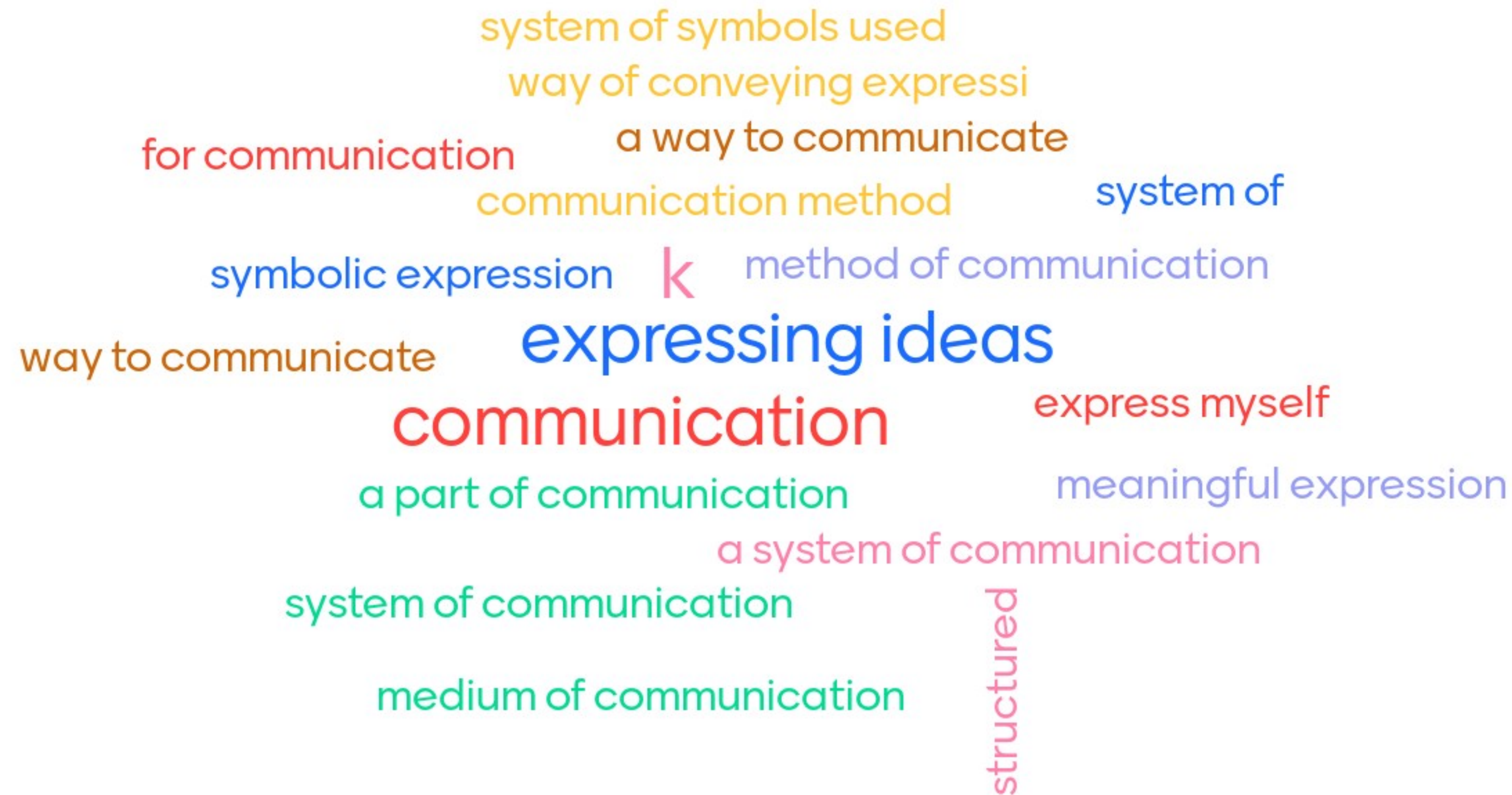


# What is Language?

22 responses



# What Program?

23 responses

instructions for a comput  
for of computer sequence of instuction  
is a set of instructions process of instructions  
instruction to machine a set of instructions  
sequence of instructions  
instructs a computer guiding note for computer  
a set of commands er list of events a plan of action  
algorithm for a machine a computer  
tells computer for tasks  
sequence of command a program is instructions  
a set of instructions to

instruction



# What is Programming Language?

Algorithm for machine

a system of notation for writing computer programs

a technological process for telling a computer which tasks to perform in order to solve problems.

A programming language is a set of instructions and syntax used to create software programs

Tool used to write instructions for computers

A language that is used to interact with machine.

Instructions that a computer can execute

a set of rules and syntax

# What is Programming Language?

human-readable way to  
instruct computers

Symbolic sequence to  
give the instruction

system of communication  
using sequence of  
command

is a formal language comprised  
of a set of instructions, rules, and  
syntax that allows humans to  
communicate with computers  
and create programs

A programming language is a  
formal system used to write  
instructions for computers. It  
allows humans to communicate  
with machines to perform tasks,  
create software, or solve  
problems.

A way of telling computers  
what to do using symbols and  
rules that humans can  
understand

a set of instructions that  
enables humans to  
communicate commands to  
a compute

a way for programmers to  
communicate with  
computers.



# What is Programming Language?

a way to give instructions

Formal language with a set of instructions to get some output

A formal language used to communicate or giving instruction to a computer

Way to communicate computers

Instructions that are used to communicate with computers

Programming languages are compiled. Scripting languages rely on existing programs, known as interpreters, and thus require line-by-line conversion.

# Programming vs scripting

programming is a compiled language. but scripting is an interpreter-based language.

Like Python vs SQL

Polymorphism  
Inheritance  
Encapsulation

## 3 main feature of Structured Programming

Sequence, Selection,  
Iteration

Sequence  
Selection Iteration

sequence, selection,  
iteration

abstraction  
polimorphysm  
encapsulation

Encapsulation,  
Polymorphism,  
Inheritance

Like problem vs the  
algorithm to solve the  
problem



# Write 3 Features of OOPL

Abstraction  
Polymorphism  
Inheritance

PolymorphismEncapsulat  
ionInheritance

encapsulation,  
inheritance, and  
polymorphism.

Encapsulation,  
Inheritance,  
Polymorphism

Class object inheritance

Abstraction  
Encapsulation  
Inheritance

Encapsulation,Polymorph  
ism,Encapsulation

encapsulation,  
inheritance, and  
polymorphism.



# Write 3 Features of OOP

Abstractionpolymorphis  
minheritance  
encapsulation

Encapsulation,  
Inheritance,  
Polymorphism

Encapsulation,Inheritanc  
e,Polymorphism

encapsulation,  
abstraction,  
polymorphism,  
inheritance

Encapsulation,  
Inheritance ,  
Polymorphism

Abstraction, inheritance,  
polymorphism.

Reusable Code, blueprint,  
Grouping

Encapsulation  
Inheritance  
Polymorphism

# Write 3 Features of OOPL

Fixed-program execute a pre-defined set of instructions  
stored-program store and execute a variety of programs dynamically





# Declarative vs Imperative Knowledge

Knowing something and  
knowing how to do  
something

Knowlegde about target  
vs Knowledge of process  
to reach it



# Fixed-Program Computers vs Stored-Program Computers

Like, stack overflow

# Syntax, static semantics, semantics

Fixed-program execute pre-defined instructions  
stored-program execute a variety dynamically



# What might happen if a program have an undetected error and behaves in an unintended way?

Runtime error or program will crash

Unintended behavior, data loss, system crashes, or security breaches.

Increased resource usage.





# Universal Turing Machine

How do you find square root?

