Unbounded Wild Goods 03/07/2024

\* An unbounded wild and is respresented by C??

it means the dafa type is anknown.

\* For instance, consider a melted that prints

the contents of a list:

public void print list (List C? > list)

Pon Object Hem: list)

2 Cystem. out. penintles (item);

## Bounded Wild coods:

estruct the types that a method accept this is whose bounded wild cands come into play.

I whose bounded wild cands come into play.

I upper Bounded withouts use the ordered keyword.

For example, a method processing numbers might put unut to accept the lists of number or its out classes.

public void process Numbers (List czertends numbers
8 11 process the lift hore

## Iowa Barnol

\* lover bounded without use the super legitional.

\* They sustrict the unknown type to be a particular
type of a superclass of that type.

public void add Integors (List <? Super Integor> list)

{ list. add (new Integor(50)); (l'adole the integer tatal

q

## Functional Interface

"An inforface is clockwed with only measured method, then it is offered as Functional Interface.

The method in functional interface is called as functional method.

Along with the Ruchanel method, you can also add default and static method to Runchional in terface.

ex of Renchion intoffices are: \* Runnall r periodictes + Item Listener Lambola Expression. et a lambda expression is an expression ora of code that encapsulater an expression ora seculd. \* aynfax: (parameters) -> 9 statements: 3 x Lambda expression allows for occartion and cup of single method anonymous classes enstood of oreating separate concrete class for functioned infortace. or They can accept zoro or more paremeters; any of which can be passed with or without type expect freakton. \* men signature of lambda expression iroplementary Runnable interface will be  $( ) \rightarrow void.$ ruses of fambda expressions. \* Lambda experessions and an important addition to Jowa that greatly improves overall main fainablity redability and developer productivity. \* They can be applied in many different outats, sanguing brom simple anonymous hunchions to stoo sorting and filtowing collections

x Lambda expressions can be astigned to vocaibles and then passed into other objects of allows developers to write deaner, shorter more readeable and reusable code.

Functional Interface: Implementation:

Lambda Expression!

Public class Max: Finder Implemente Max Findor of @ overvide

public eint maximum (eint mum; "num2) of

return mum1; num2; num1: num2;

Max Finder buider = (neum 1, neum 2) ->
neum 1 > neum 2 ? neum 1; neum 2;
wit result = finder. maximum (10, 20);

Retwen type of "LE" is functional Interface.