Cype Inference

Look at the band *
Thun pick the most specific one!
That is related

```
problem of orlianon.
             Point &= new Point (0,0);
             Circle cl = new Circle(p1);
             ( look or a num Clack (p,4);
              C(. Move To (1,1);
                 to (2 % offerty)
           fix with immulability.
               Ls way word - 'Anal'
                            L only be set unce.
               Ls create a new obj instand of change
                  Some State.
               4 take up lew memory.?
Immutable Array < T>.
       Ly private Anal TC7 array;
           // only items of type 7 goes hato the army.
              public chuke <T> Immuhable Amay <T> o' time!

Tehra new Immuhable Amay <T (T... items) {

Tehra new Immuhable Amay <> (items!)

Tehra new Immuhable Amay <> (items!)
     @ GofeVorangs (for type safety)
 method
                                                   ( Home, O, Home. legit - 1);
                private Zrandouchany (TCJ a) {
                       Unis-array . a.
                3
                public 7 get (Int index) {
                       VPhone this owney Einder];
this short index
                 @Ovenide
                  public other boothing () 9
                  rehum Annoys tallhing ();
  problem:
        Suboray?
          4 immulate anay dao
                  as elone overit gody to change
                      to pass mound the same laman
                         and just though the Indexest
          LO 19347
SubAn (1,4)
               6 [1234]
               Keep thouse in
               private final lat start;
               private final int (1);
               private Zamahable Array (TCJa, int shor, for end) {
                       thir army =a;
thir stort = stort;
                        this on = cn;
                                                         take observage of homobility
                                                                4 cache (stone the object.
                                                                4 share digets around, mit
                                                                   wany about then mobiling.
                                                                La Salthy stone internals of the charge.
                                                                    Is con't making the owney.
                                                                 to Sofe consumer execution
```

```
Nestel Classes.
```

```
encepenlation comman data & methods.

Ls that belong / relate to the class.

Class B & sector like a field.

This sec. A the x. inverted of some the own day.

Private Static class C & this show the own day.

Static rests class.

Commit we wan static views from own day.
```

```
Merkee Comparison LTZ.

4 smith that has the comparison

4 Compare (To1, To2) material.

4 returns int.

51 bet. 02 it -ve.

Close Static visid southNorres (List (String > Names)) {

4 cont Norm Comparison implements Comparison (Strings) }

Close Norm Comparison implements Comparison (Strings) }

(a) Consider

(a) Consider

(a) Consider

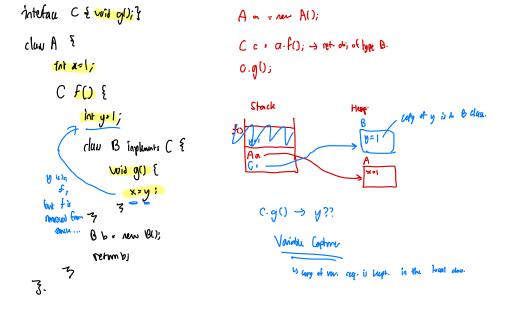
(a) Consider

(b) Langton (String of , firing of )

(c) Compare (String of , firing of )

(c) Consider of the material

(c) Consider of the Materi
```



```
clau Jurting &
                                                                    monymu day
      Static visid southbornes (List (Staty > Names) {
                Composator String 2 Composator ( String ) () }
                       (a) Cherrise
                                                                         dulin to the
                       boughts by contone ( Blind 21 ' Person 25) E
                                                                Olev
                          rehm sl. length () - 52. cenghil;
                  ?);
                William · You ( Cont)!
         3.
 3.
Class Justing &
       Static viil sort Nones (List (String > Names) {

Must be Class Nome (angustus, influents Confirmed String) }
                           (a) Charibe
           effectively Anal
            Les does not change portiles int compare (String of , Frong 57) [
                                 if (asculus) & return st. length() - 52. length();
                                  rehm 52. legh() - 11. legh();
                     aswithy = true; & disaloned!
                     Normal . Sot ( new Name Compressor ( );
          3.
                 I now / State pure = good for OOP.
             (loal day -) in a method
morphany ( monymon - not dial with a nowe;
                                     no de negros.
                  Voright Capture
                        U not buy able to exces thing.
                            When they are thrown away in the
                             Starn,
                            Jana will copine some.
                    good prusher to more immitable the full
```