Java Self learning   # 100 days challenge
#as10days

Day 1:

i) Java Source File Structure- Introduction

```
Class A
{
}
Class B
{
}
Class C
{
}
Class D
{
}
```

File can store
with anyname. Java
because public not
used in any
class.

Javac Durga. Java

Javac B. Java ✓

If I use public in any class, then that class_name. Java.

```
eg:  class A { }
     Public class B { }      B. Java ✓
     class C { }
     class D { }             A. Java X
                               error.
```

Prev:
1) (d   location
2) Javac B Java
   (or)   Java C , Java D

Abimellor answer nos

2) Java Source File structure : Import Statement

```
class Test
{
    P.S.V.M( Stny[] args)
    {
        ArrayList l = new ArrayList();  → error
    3  J                                   before
3      J                                File not
                                         (on class) for
```

Javac Tou

Fully → i. java.util.ArrayList l = new Ass

Qualified   java.util.ArrayList()
name.   ↓

        length of code↑es , readability ↓es

Types of Import

Explicit Impor   Implicit Impou

import java.util.ArrayList;   import java.util.*;
            ↓   ↓
eg: import com.hdfc.Account;   Use Only   we use differsu
    import com.icicibank.Loan; subclass(or)   subclass
    :   s'us package   (or) sub patage
                                then we   then we use
    Account a= new Account()   Use Explicit.
    Loan l = new Loan();   Implicit

3) Impart point about Import Statement.

Pattern → class importing.

Java → Package
├── util → Sub Package
│   ├── regex ───────── Sub Package
│   └── Pattern

import Java.util.*;   ├── matches()
                                     ├── compile() ──→ we
                                     │   use
import Java.*; ──→ not   ├── Matcher()
              working   ├──→ split()
                to   └──→ Pattern()
             Pattern   eg: Pattern P= Pattern. "ab");
we can use   compile
import Java.util.regex.*;
   (or)   ──→ Cret that
import Java.util.regex.Pattern;   Pattern sub Packer
                                          (or)
                                       sub Class.
whereas String, String Buffer, Char

                          ──→ are all available in

                              import Java.lang.*;
                                        J

                              It automatically available
   so   no need to import the classes