Java $\longrightarrow$ is higher to C++

$\rightarrow$ Big community

$\rightarrow$ simple syntax compared to C++,

$\rightarrow$ Platform independent
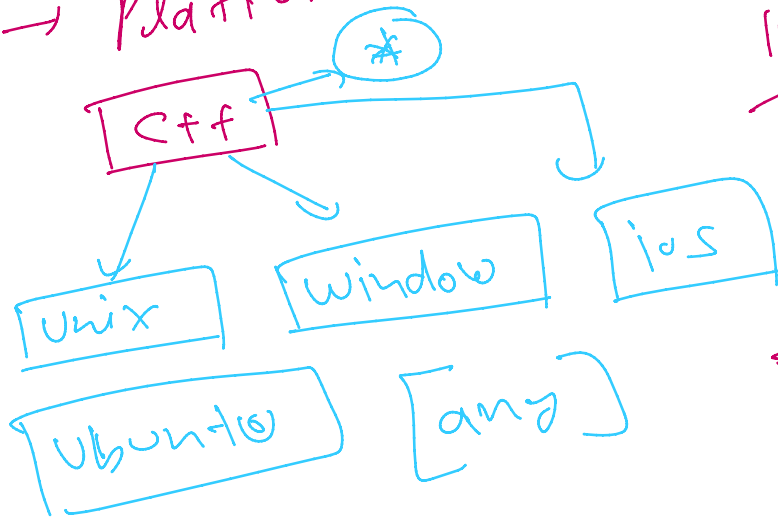
C++

| Unix |
| Window |
| ios |

| Ubuntu |
[any]

1970 | Java |

y time compile

$\square$ — internet / HTTP

1991

Internet

windos

unix

window   OS

JVM

Java

OS ← C++

C++

Window

Byte | Java

OS

JVM
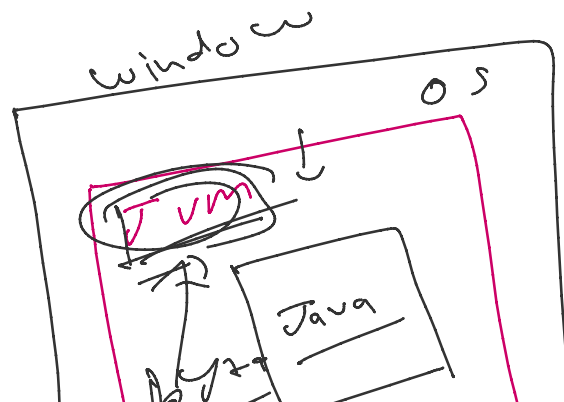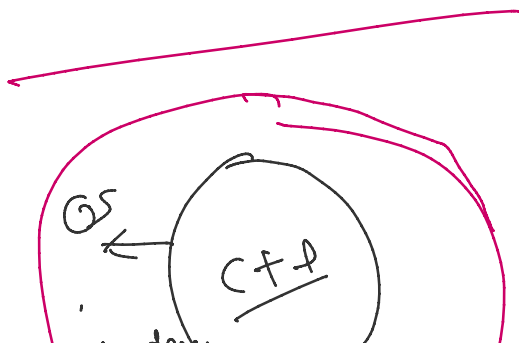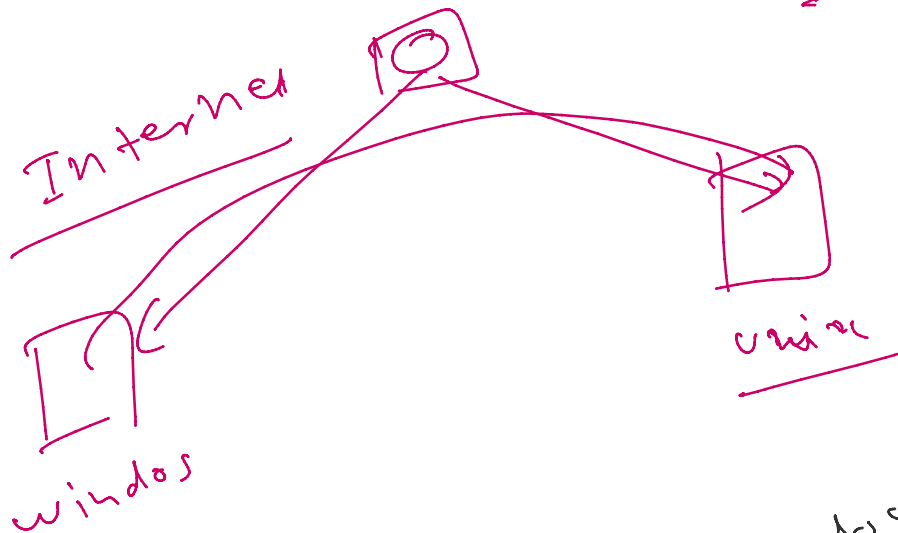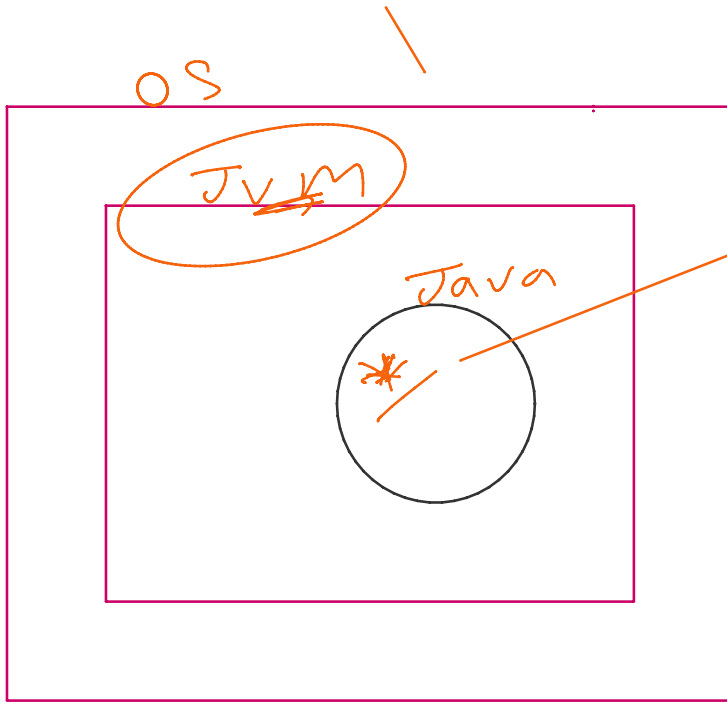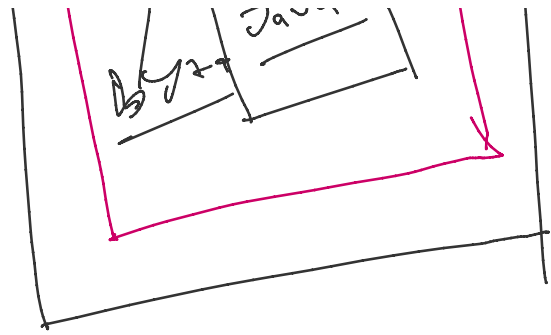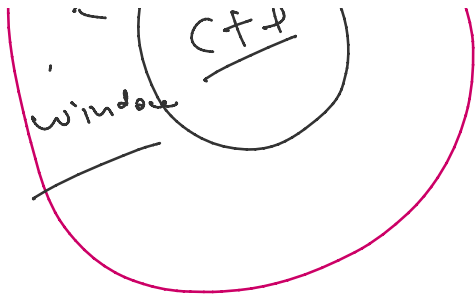
Java

→ Java securities

② → memory managament

garbage collection

→ oops

→ Java every thing is objet.
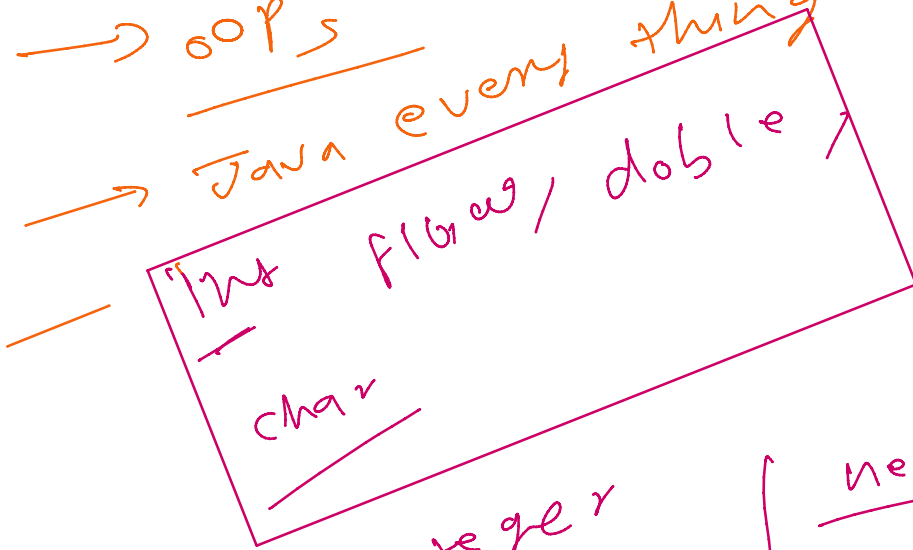
int float / doble

char

int — Integer

doble → Double

.s → Float

boolean

new

object

reference

dou...
float →
bool →   boolean | ''   I   0
                                        new
everything objet
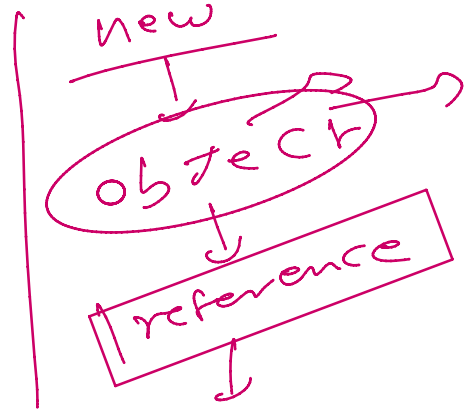
→ application

→ web application
→ server, cloud computing
→ games, mobile application
   desktop application
→ Robotics, embedded system

→ Java completed object oriented

```
int main ( ) {
print f (" Hello world");
}
```

Public Firsapp {

Public Static Void main( ) {

System.out.Println("Hello world");

.Print

}

} defaUlt , Public , Private

Protected ,

```java
public class Main {
    public static void main(String[] args) {
        // here we need to perform some action on the student
        System.out.println("Hello world");

        Student st = new Student("komal", 21, 5.6);

        st.display();
    }
}
```

one time loading during compilation

Main.main( )

Public: