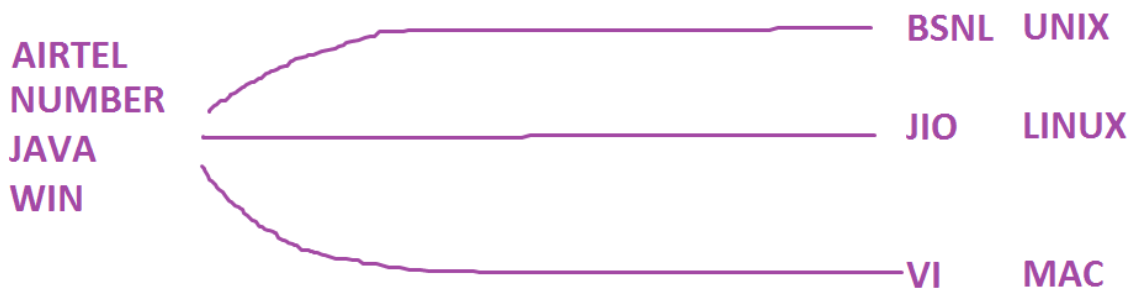
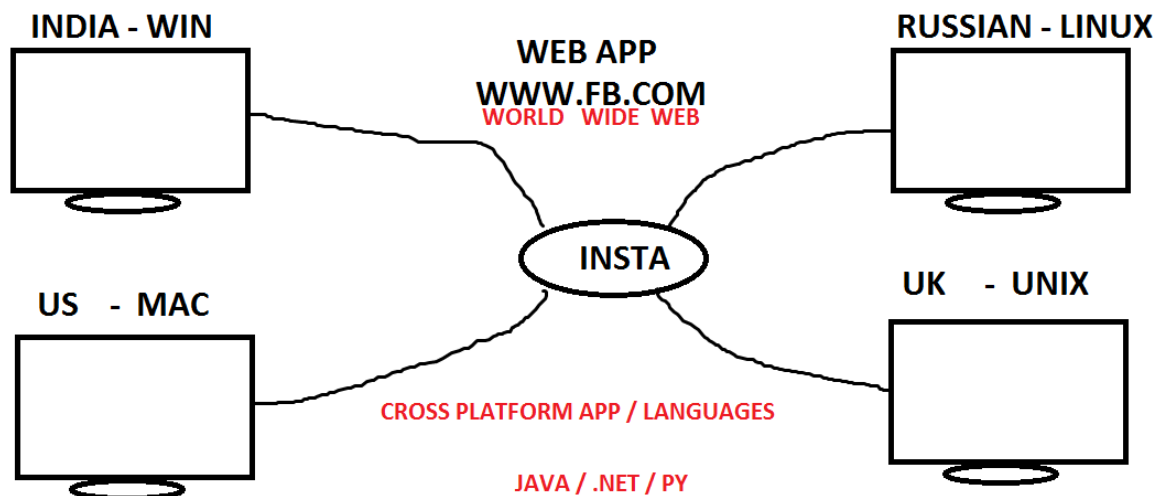
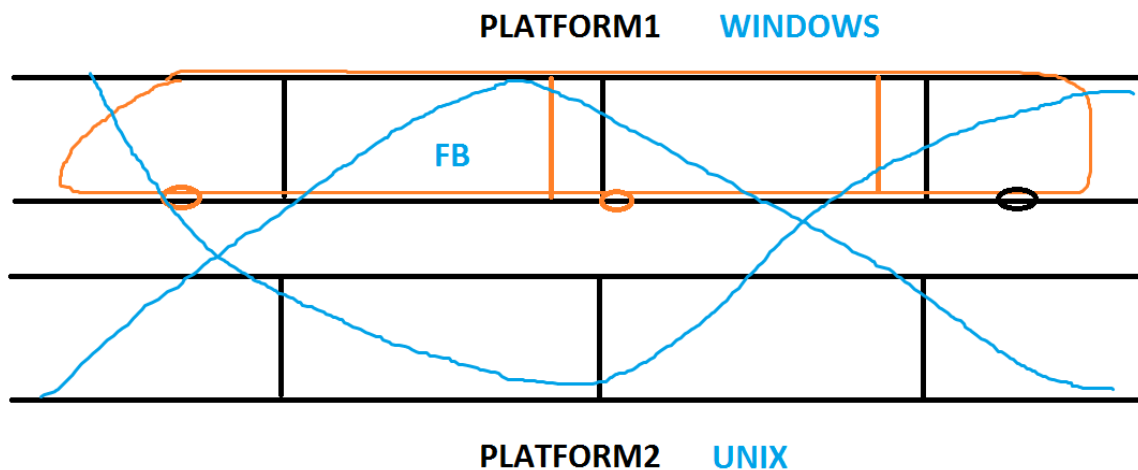
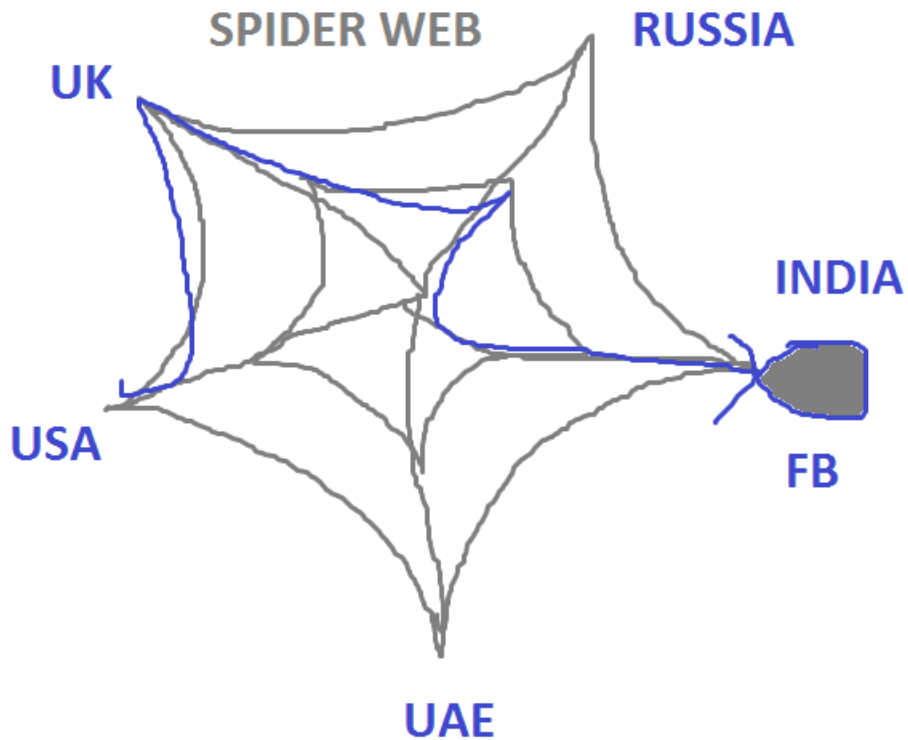


MNP
MOBILE NO PORTABILITY



JAVA - WORA - WRITE ONCE RUN ANYWHERE





C is machine independent but platform dependent. Due to this we can't develop web applications with c language and we can develop only the standalone applications.

The application installed in a single system and operated from that system only is called standalone app.

To design the web applications we are using the languages like java / .net / python etc because of they are machine independent and platform independent. Web applications are installed in a server operated with the clients.

FUNDAMENTALS OF C

C character set: Every programming language is using a particular character set and by using this character set only we can make the programs [software]. C is using ASCII character which comes with **256 characters**. In this we are having **52 alphabets** [**a-z, A-Z**], **10 digits** [**0-9**], **44 operators** [**+, -, *, ...**], **14 separators** [**, . : ; “ “ ‘ ‘ { } ,....**] and remain all are **special characters**.

English language	C language
26 alphabet set	ASCII character set - 256
English words	Keywords – 32
English sentences	Instructions
English paragraphs	Programs
English documents	software

ASCII – American Standard Code for Information Interchange – IBM [International Business Machines] corporation – American company

Java / .net / py – UNICODE Character set [Universal Code]
- 65536

4 type of number systems

1. Binary system - %d
2. Octal system - %o
3. **Decimal system** - %d
4. Hexadecimal system - %x

CHARACTERS	ASCII VALUES
a-z	97-122
A-Z	65-90
0-9	48-57
+	43
*	42
Space	32
Back space	8
Tab	9
Enter key	10
Esc	27

Compilation and execution process:

