

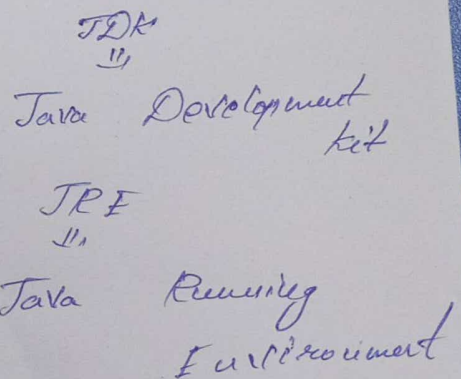
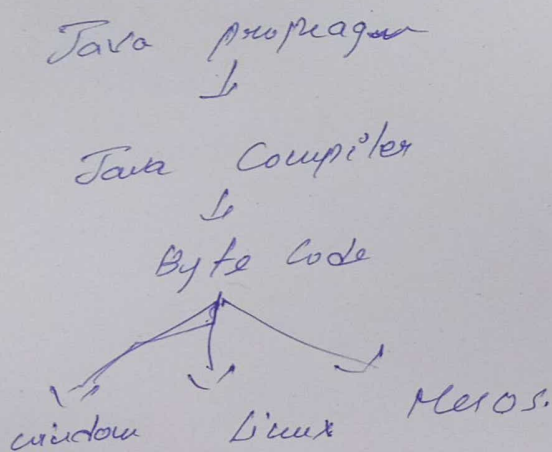
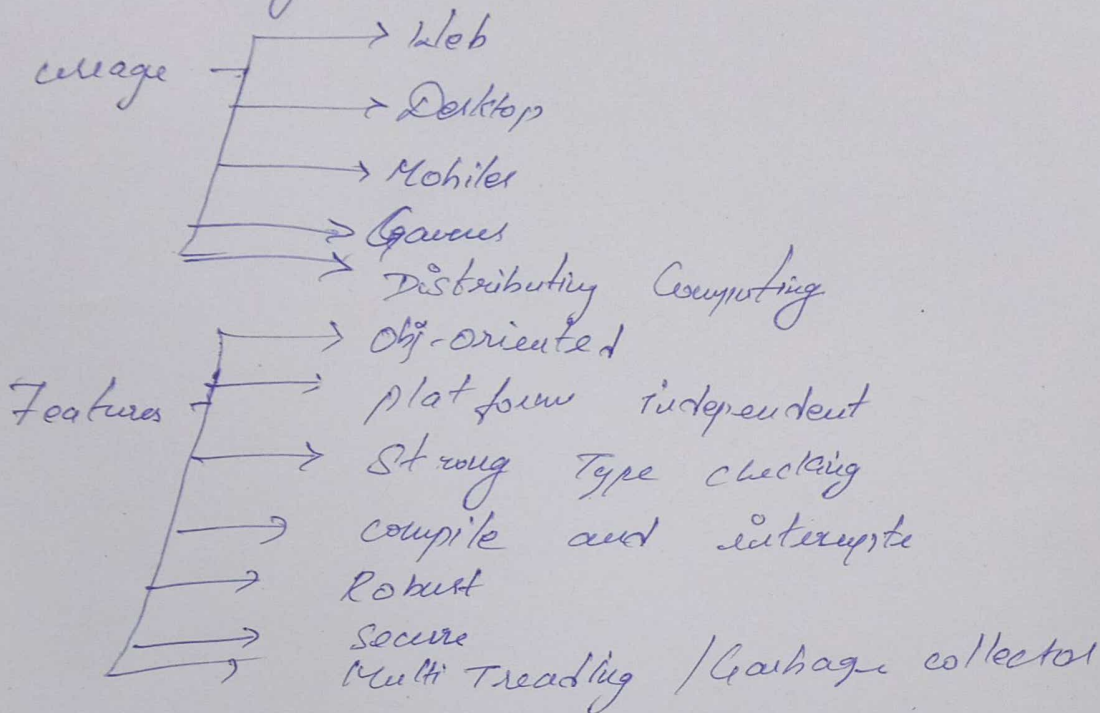
10/7/2023

# JAVA

1) Evolution of Java

2) Architecture.

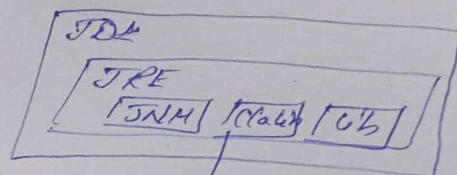
James Gosling - 1995  $\Rightarrow$  Java.  $\Rightarrow$  Foundation / oops.



program name  $\Rightarrow$  HelloWorld

Source code  $\Rightarrow$  HelloWorld.java

Compile  $\Rightarrow$  Java we use. Java  
↓ class file.  
we compile class



↓  
Compiler and Debugger.

Q. What will be the result if you try to compile and execute the

Sample.java

```
class Sample { public static while void  
    { main () {  
        System.out.println ("Welcome");  
    }  
}
```

- A. compilation error
- B. runtime error
- C. The program contains compiles and execute successfully but prints nothing
- D. It will print welcome.

Sample.java

```
class Sample {  
    public static void main () {  
        System.out.println ("Welcome");  
    }  
}
```

③

Match : Data Type      Size

Byte      =      1

Char      =      2

int      =      4

double      =      8

④

What will be the result, if we try to compile and execute the following code:

```

class Test {
    public static void (String [] args) {
        int x;
        System.out.println(x);
    }
}
    
```

→ "x"

O/P → x