

Logic Building Session

Day 2: May 2021

Kiran Waghmare



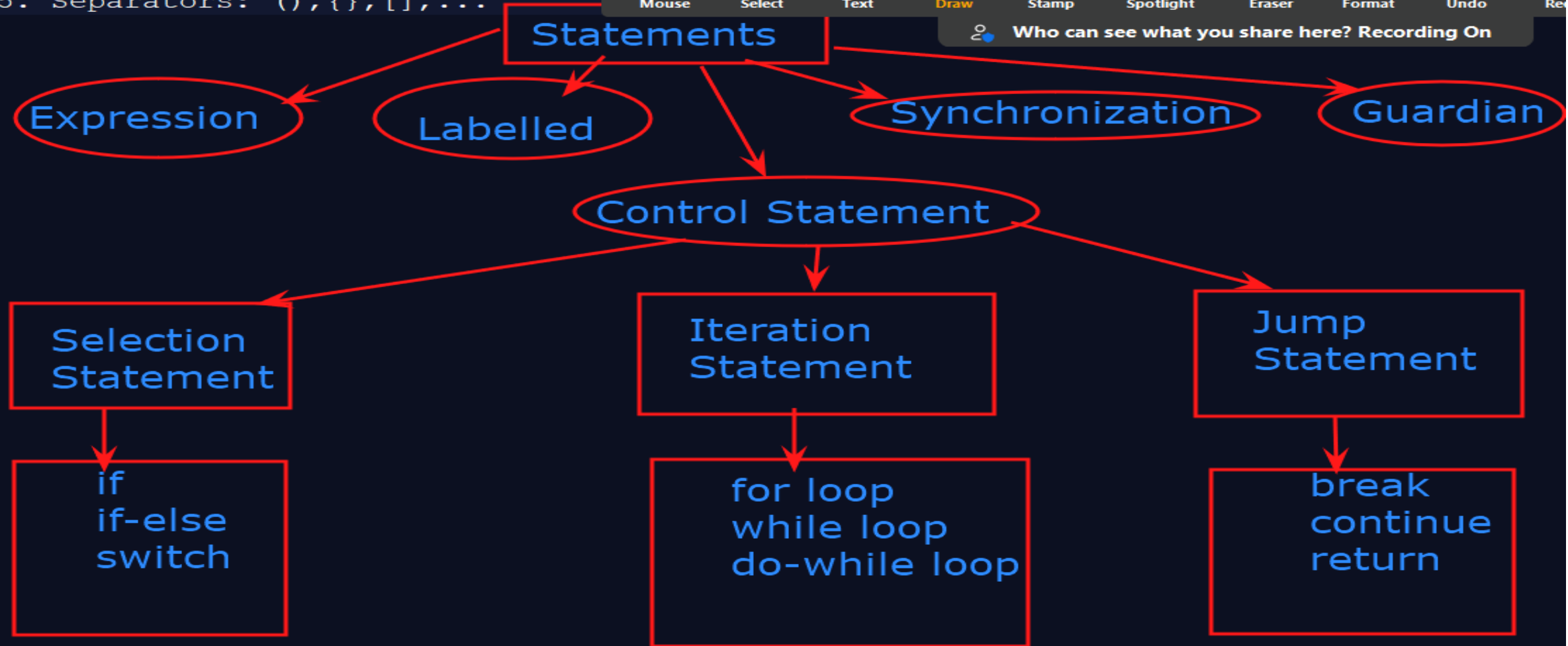
Day 2: Logic Building Session May 2021

Date :28/04/2021

Tokens:

1. Keywords:50
specific meaning
e.g. class, public, static
2. Identifiers: userdefined names
classname, functionname, interfacename,variablenames
A-Z, a-z,0...9, special characters
start with alphabets, variable, camel case
e.g., EdacStudent
3. Literals:constants
sal=30000;
4. Operators: Oerations
Assignment, Relational, Logical, Boolean, bitwise, Assignment
5. Separators: (), {}, [], ...

106 5. Separators: (), {}, [], ...





May21 LB Notes.txt H11.java cmd2.java

```
112 Variable: user defined names
113
114 1: Initialization of variable
115 2: Declaration of variable
116
117 e.g
118     int count;
119     float x, y;
120     double p1;
121     byte b;
122     char c1,c2,s1,str;
123
124     int finalvalue =100;
125
126
```



Mouse



Select



Text



Draw



Stamp



Spotlight



Eraser



Format



Undo



Redo



Who can see what you share here? Recording On

int

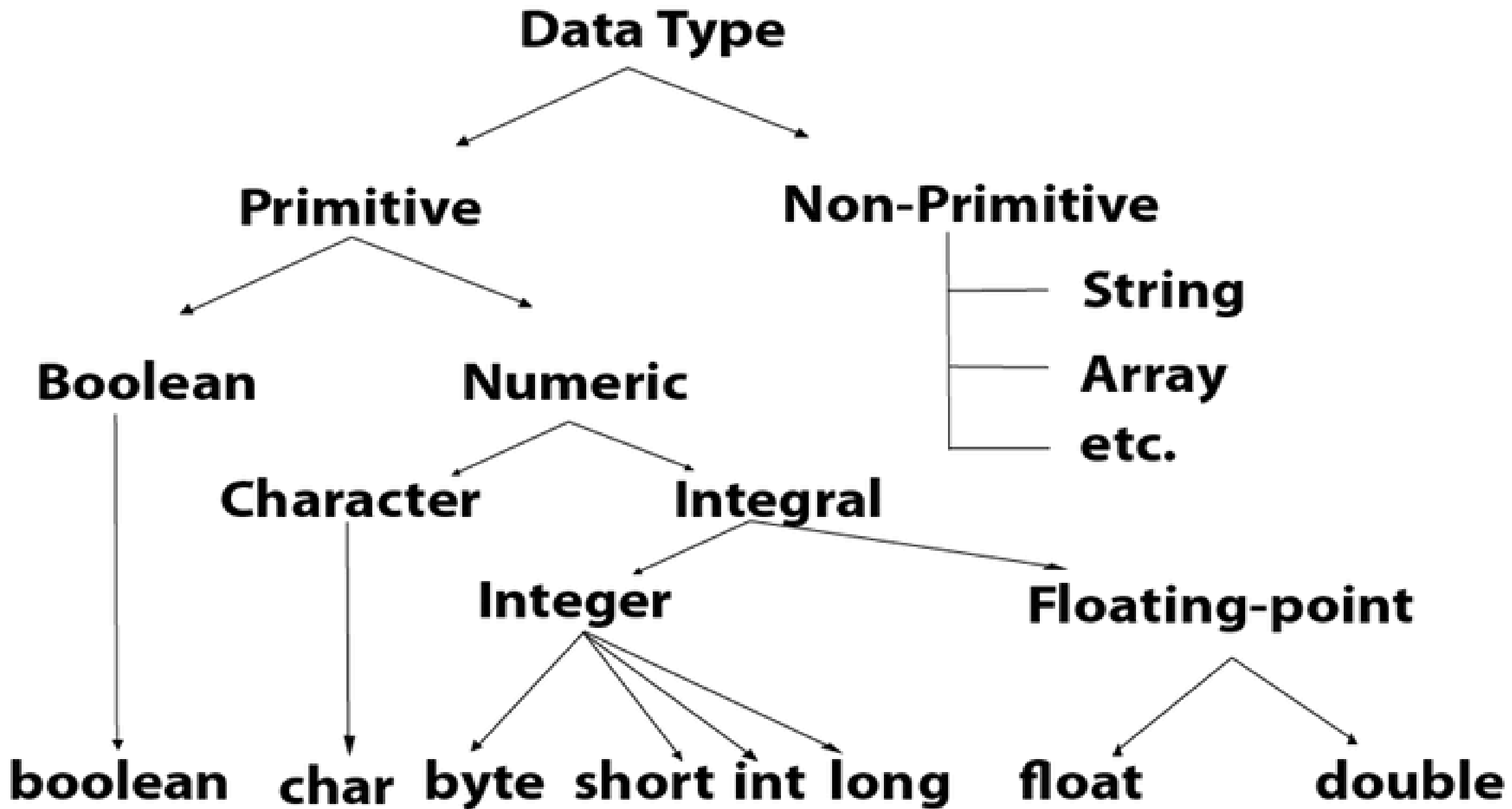
i

100

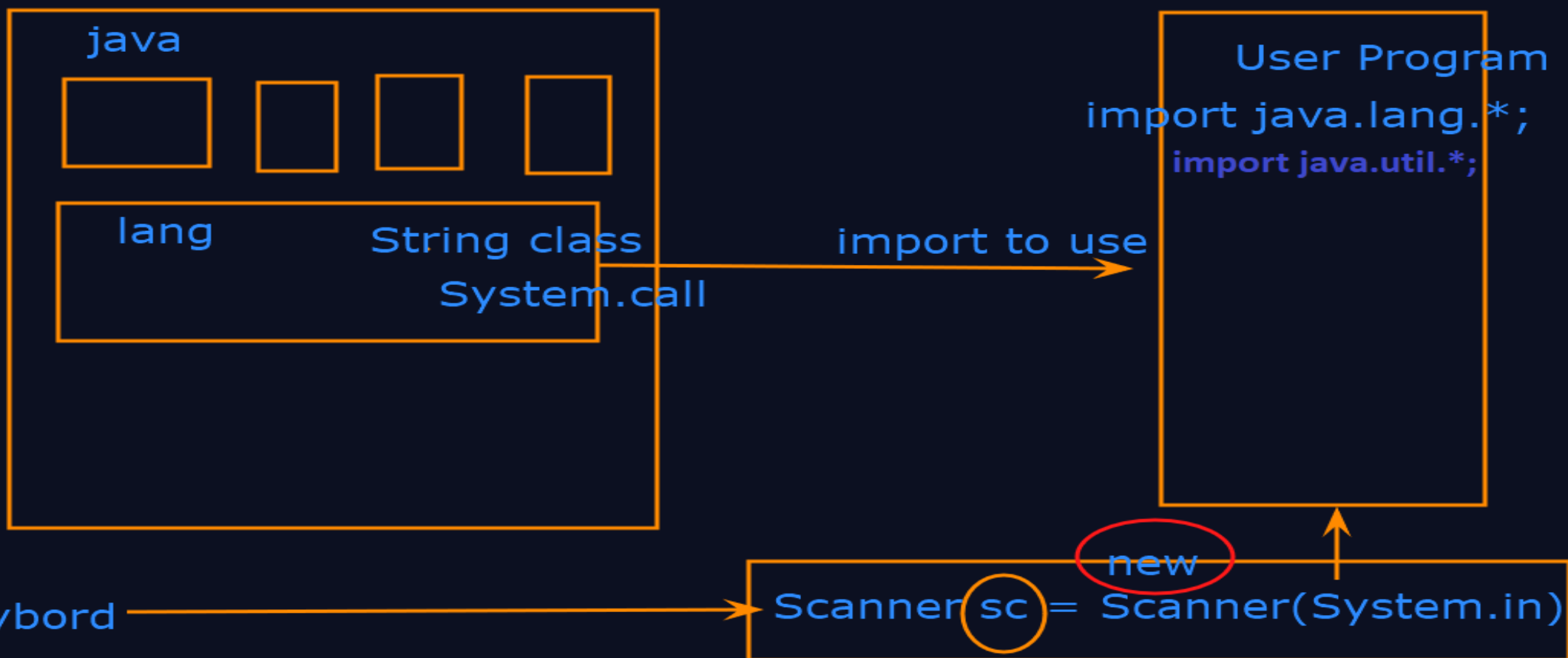
double

23.45678

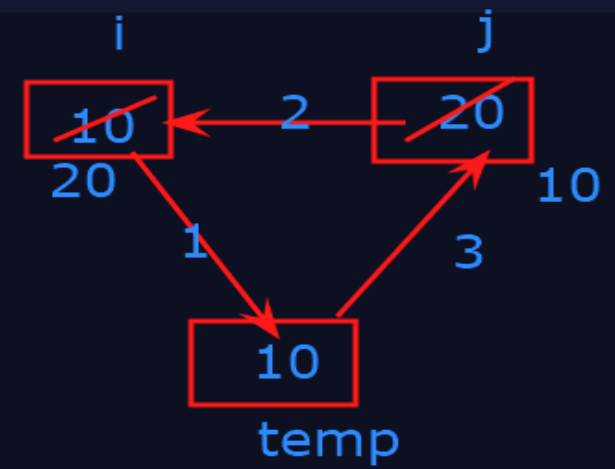
total



```
127 Data types:
128
129
130 Scanner class: inbuilt Java class
131 scans the given resource for any String or primitive data type
```



```
7 {
8     Scanner sc = new Scanner(System.in);
9     System.out.println("Enter 2 integer nos:");
10    int i=sc.nextInt();
11    int j=sc.nextInt();
12    int temp;
13
14    System.out.println("i: "+i);
15    System.out.println("j: "+j);
16
17    temp=i;
18    i=j;
19    j=temp;
20
21
22
23    System.out.println("After Swapping: ");
24    System.out.println("i: "+i);
25    System.out.println("j: "+j);
26 }
27 }
```



a =10 b=20

a = a+b; //30
b=a-b; //30-20=10
a=a-b; //30-10=20

temp = i;
i = j;
j = temp;

FileEditSearchViewEncodingLanguageSettingsToolsMacroRunPluginsWindow?

May21 LB Notes.txtH11.javaIfelse.javaTernary.java

MouseSelectTextDrawStampSpotlightEraserFormatUndoRedo

Who can see what you share here? Recording On

157
158
159
160
161
162

Ternary Operator : Conditional operator

Syntax:

(conditional expression) ? sta 1: sta 2

True

(10>20) ? No : yes

(4<10) ? yes:no

False