

String s1 = "ab#c" *al*
String s2 = "adc#f" *odd*

lower case characters and # symbol

==> backspace

new SB *(with a sad face and a crossed-out circle)*

ab#c

Store the details of 5 employees

employee --> id, name, salary, company,

1) create the variables so that these variables can store data.

2) print the details of the employees

method

s.o.p(id)

s.o.p(name)

Variables + Method ==> Employee

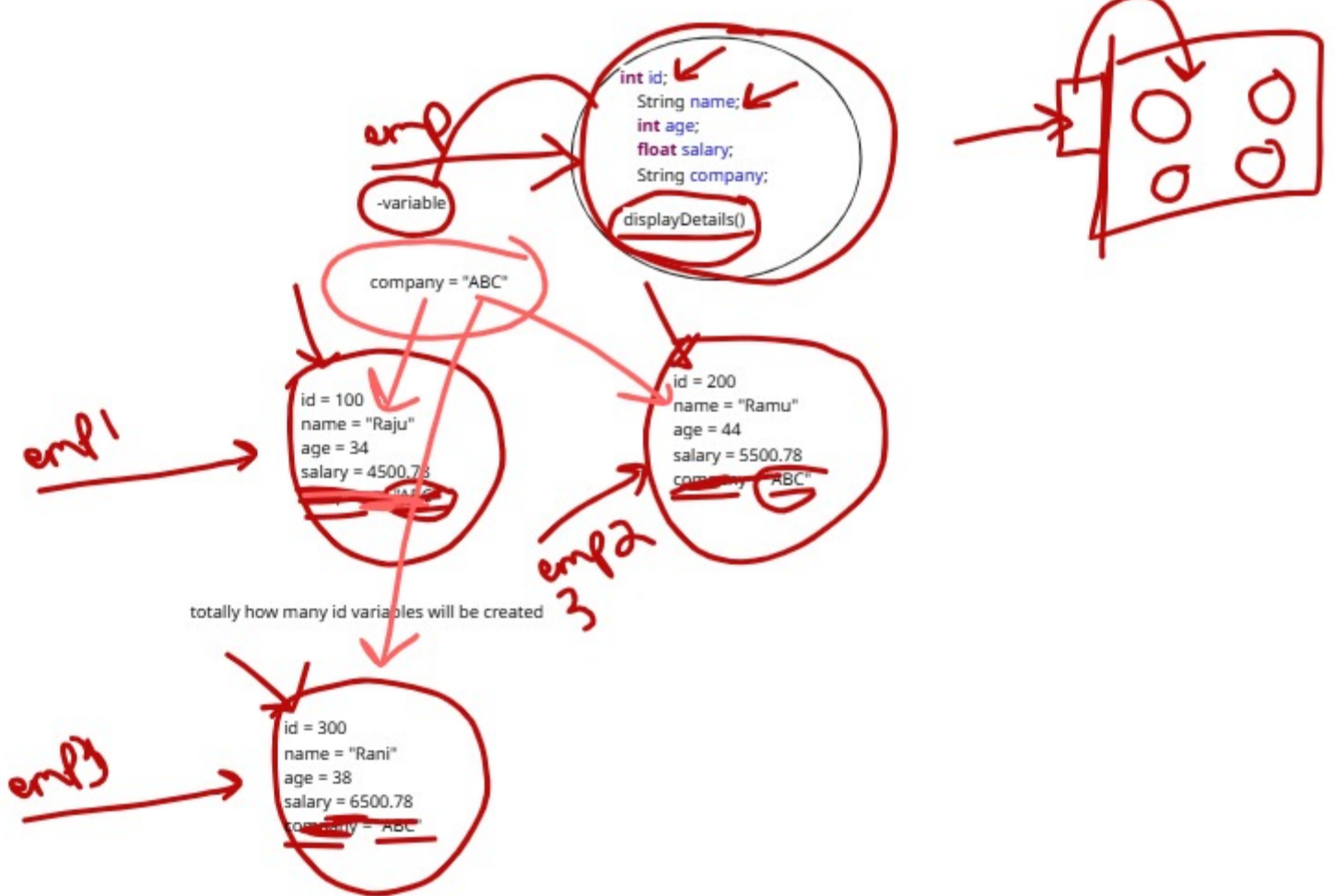
class ==> variables + methods

If we want to access anything present inside a class, then we need to create object of that class.

Java(JVM) ==> create an object

Java ==> new ==> JVM ==> can create object for class

new Employee

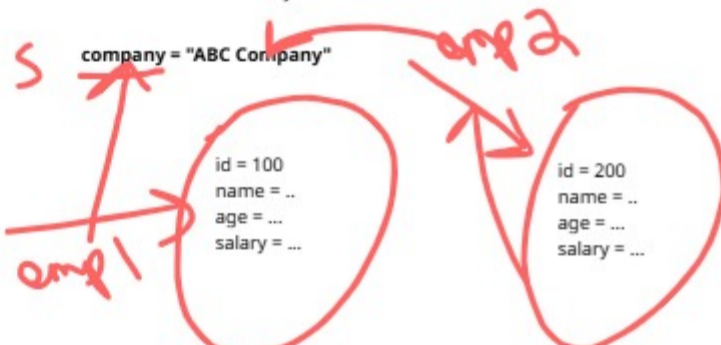


Instance Variables ==> Are the variables that will be created separately for each object because each object has different data

Local Variables ==> Are the variables that are accessible only for that particular method

IV ==> this keyword

Static Variables ==> Are the variables that will be created only one for all the objects.



Create a student class, that should have rollno, name, age, totalMarks as Instance variables and make schoolName variable as static variable, create constructor to assign values to Instance Variables
Create a method to print the details of 5 students

Constructor, Instance Variables, Local Variables, Static Variables, Object Creation

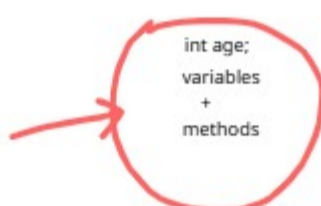
Encapsulation

Providing security to the most important component of an object is only called as **ENCAPSULATION**

Bulb ==> filament ==> glass
AC ==> coolant ==> shield

.....
.....

create a object



BankAccount account = new BankAccount();



Getters and Setters(METHODS) ==> We can make only valid person to update the balance but we can't make invalid person to update some invalid amount

Valid person ==> valid amount ==> 500 ==> acc balance(private) ==> SETTER
It is a method that is used to set the value to private variable

Getter is a method that is used to get the value from private variable

We can have multiple constructors with different no of parameters(4, 3, 7) OR different type of parameters ==>
CONSTRUCTOR OVERLOADING

Method Overloading

We can have multiple methods with different no of parameters(4, 3, 7) OR different type of parameters ==> METHOD OVERLOADING