

Class Demo

{

public static void main (String[] args)

{

int a = 10;

int b = 20;

System.out.println ("Difference is " + a - b);

}

}

Not Run

X

Difference is 10 - 20

X syntax error

Variables

Local Variable

↓
inside method
body

Instance /

Data member

↓
inside the class

Static Variable

↓
declared at class level
using keyword static
Keyword

WAP to Calculate and print the area and Circumference of circle. Assume radius is 5

area of circle = πr^2

Circumference of circle = $2\pi r$

Class Cal

3

```
public static void main (String[] args)
```

2

```
int sad = 5;
```

area double area = $3.14 * rad * rad$;

double cir = $2 \times 3.14 \times \text{rad}$;

```
System.out.println("The area is" + area);
```

```
System.out.println("The circuit is " + cir);
```

3

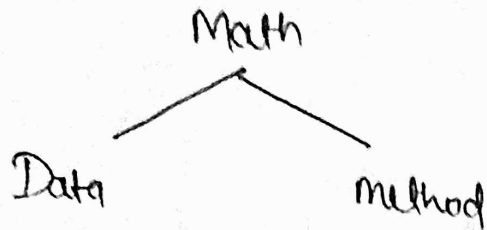
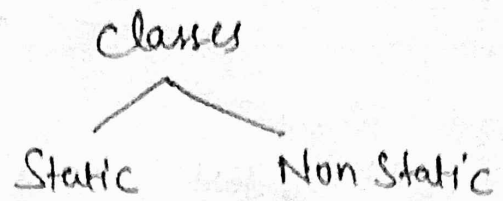
3

The area is 18.5

The circumference is 31.400000000000000000

Some Classes:-
(class always start with Capital letter)

Math:- (Static always)



Math class ki EK member Static hai ✓

* Static → Means No Need to create object

* Non Static → Means create object.

Math.PI

Math.sqrt

Math.log

* To open math class in command

prompt

Javap java.lang.Math