What is four features of

PAIE

What is polymorphism?

One object having different forms:

**Polymorphism**

**Overloading**

**Static polymorphism**

**JVM knows which method to invoke at compile time only**

**Eg.**

**We can do merthod ocerloading in same class**

**Overriding**

**Dynamic polymorphism**

**Because JVM know at runtime which method to invoke**

**We can do method overriding in child class only**

Eg.

We can have method having no parameter, two parameters or multiple parameters.

printing

We can print one number, two numbers or multiple numbers so for printing multiple numbers we can pass multiple parameters

Methods in Spark

There can be three types of methods

static

we can have multiple static methods in class

static methods can be access without instantiate class object

static method(static polymorphism) call is decided at compile time

static methods can call only static members

static methods can call other static method

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final

non-static

ArrayBuffer and ArrayBuilder

|  |  |
| --- | --- |
| ArrayBuffer | ArrayBuilder |
| We can perform map,filter,zip,foreach on arraybuffer | We cannot perform map,filter,zip,foreach in arraybuilder |
| Fast | slow |
|  | Only += -= can be perform |
| Sequences | It is builder |