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| Java EE | Java SE | Java ME |
| Enterprise edition | Standard edition | Micro edition |
| Built on top api and java se  And use to network application | Provide a core functionality  And basic function from all edition use for desktop app | Provide api and footprint virtual machine and runtime  Use for mobile app |
| Reliable secure multi tired | basic function from all | special class libraries |

|  |  |
| --- | --- |
| Static | Final |
| Can change a value | We can not change the value |
| called by the class | Called by the object |
| the function of type static cannot have an any non-static variable | the function of type final can include another variable type |

|  |  |
| --- | --- |
| Checked exception | Non-Checked exception |
| The compile notice it during the write the code  And we can-not do the simulation without solved | Do-not notice it and it logic error notice in run time and we can do the simulation |
| We cannot handle it | We can handle it |
| It have a sup-class and not inherit from the runtime | It have a sup-class and inherit from the runtime |
| Like : balance, simcoln , math exption | Like : io exption , input , stack over flow |

|  |  |
| --- | --- |
| throw | throws |
| The ‘throw’ is a keyword in Java that is used to explicitly throw an exception | The ‘throws’ is a keyword in Java that is used to declare an exception. |
| The ‘throw’ is followed by an instance. | The ‘throws’ is followed by the class. |
| The ‘throw’ is used within the method | The ‘throws’ is used with method signature. |

|  |  |
| --- | --- |
| Txt file | Binary file |
| Use file read | Use buffer |
| Read direct | Read after the buffer become full |
| You can read it | You can not read it |
| Use to write the txt | Use to write the img and write by use the transform the content to binary |

The buffer write byte or write if it become full and the number transform to binary number use 0, 1

And the buffer use to write the img and we can not read from the buffer because it a low language machine language but the txt can not so we can read it

The number :4200200200 read 0011010000000000010000000000010000000000

Like this write in the buffer write