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**Group – 3**

LANGUAGE SPECIFICATION

|  |
| --- |
| MiO |
| Java |
| Class |

KEYWORDS

|  |  |  |  |
| --- | --- | --- | --- |
| Java | MiO | Java | MiO |
| if | if | int | int |
| else | else | double | point |
| while | loop till | char | char |
| do | do till | byte |  |
| for | loop thru | float |  |
| forEach | loop thru | string | str |
| switch | shift | boolean | bool |
| case | state | long |  |
| default | default | dynamic | val |
| continue | cont | comment | @comment/@#multi-line-comment#@ |
| break | stop | line terminator | ; |
| return | ret |  | in |
| void | implicit |  |  |
| main | begin/end |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Java | MiO | Java | MiO | Java | MiO |
| class | Class | public | implicit | try | test |
| interface |  | private | $$ | catch | except |
| abstract | abstract | protected | $ | finally | finally |
| extends | Class name(inherited class){} | static | static | throw | throw |
| final | Const | new | new | throws | throws |
| implements |  |  |  |  |  |
| this | Self |  |  |  |  |
| super | Parent |  |  |  |  |
|  |  |  |  |  |  |

CLASSES

|  |  |  |
| --- | --- | --- |
| DataType | String | number |
| int | string | number |
| double |  |  |
| char |  |  |
| byte |  |  |
| float |  |  |
| boolean |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| if | else | while | do | for |
| if | else | while | do | for |
|  |  |  |  |  |
| forEach | switch | case | default | continue |
| forEach | switch | case | default | continue |
|  |  |  |  |  |
| break | return | main | void |  |
| break | return | main | void |  |
|  |  |  |  |  |
| try | catch | finally |  |  |
| try | catch | finally |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Three p’s | static | abstract | comment |  |
| public | static | abstract | comment |  |
| private |  |  |  |  |
| protected |  |  |  |  |