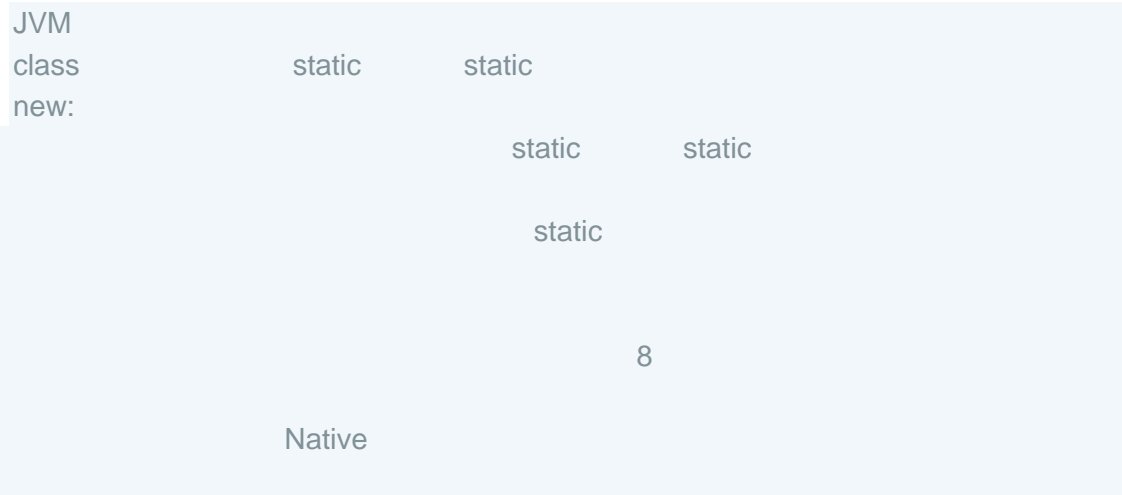


1.



2. Eden survival from+ to



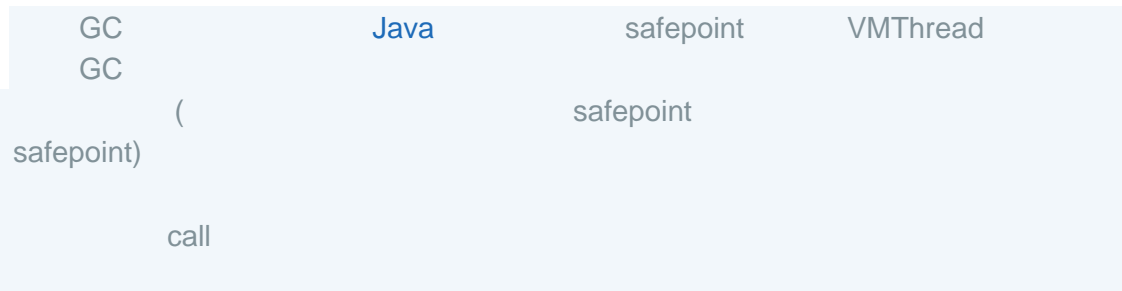
3.



4. GC

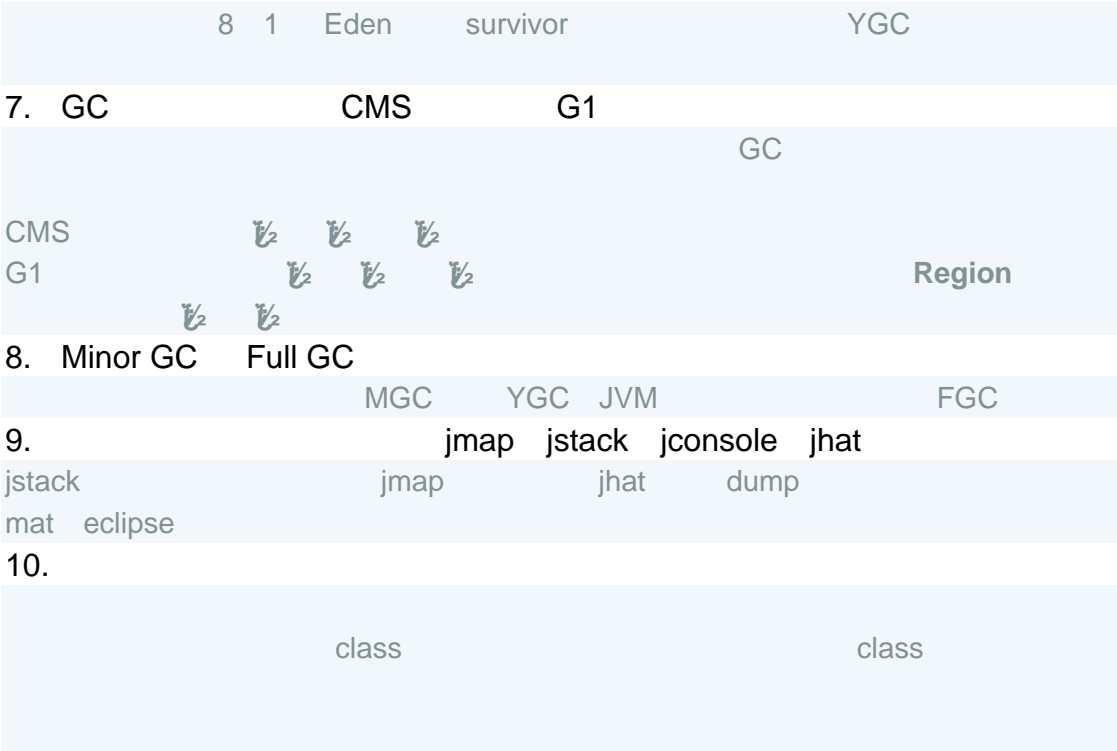


5. SafePoint



6. GC





11.JVM ?

java :

1. GC

GC

2.

3.

4.

:

1. , java

2.

3.

returnAddress

4.

5.

.

Native

java

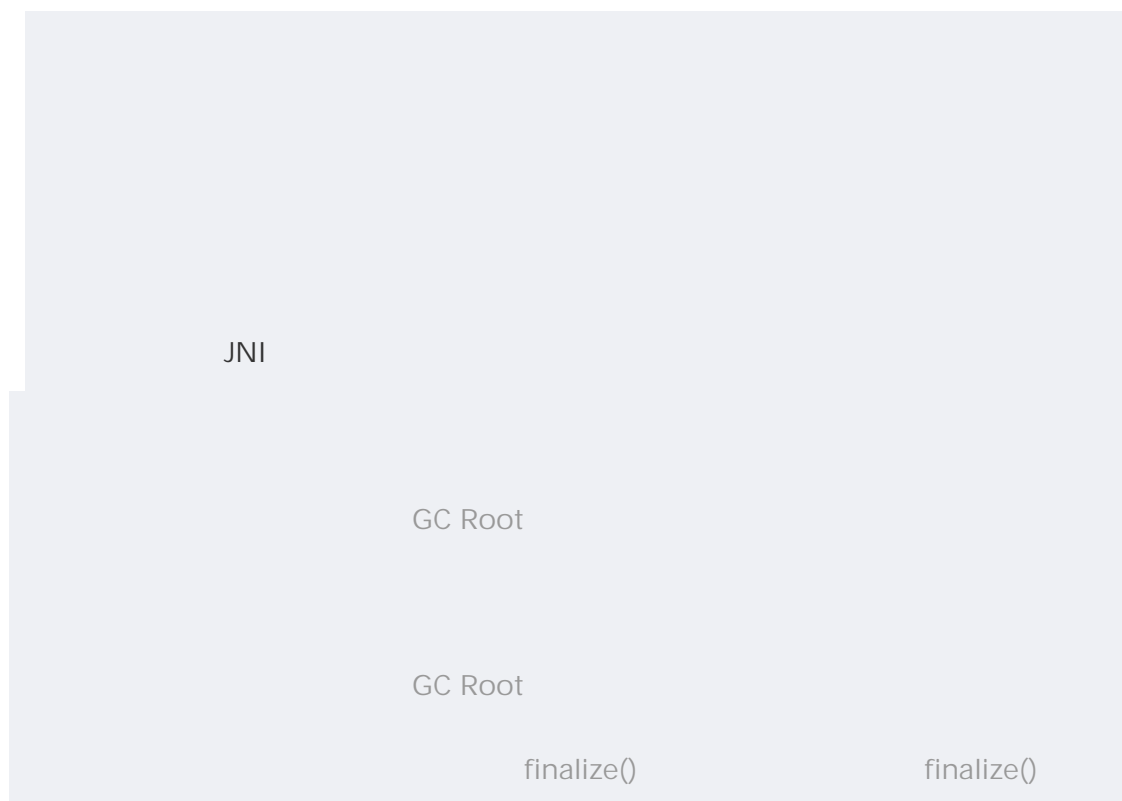
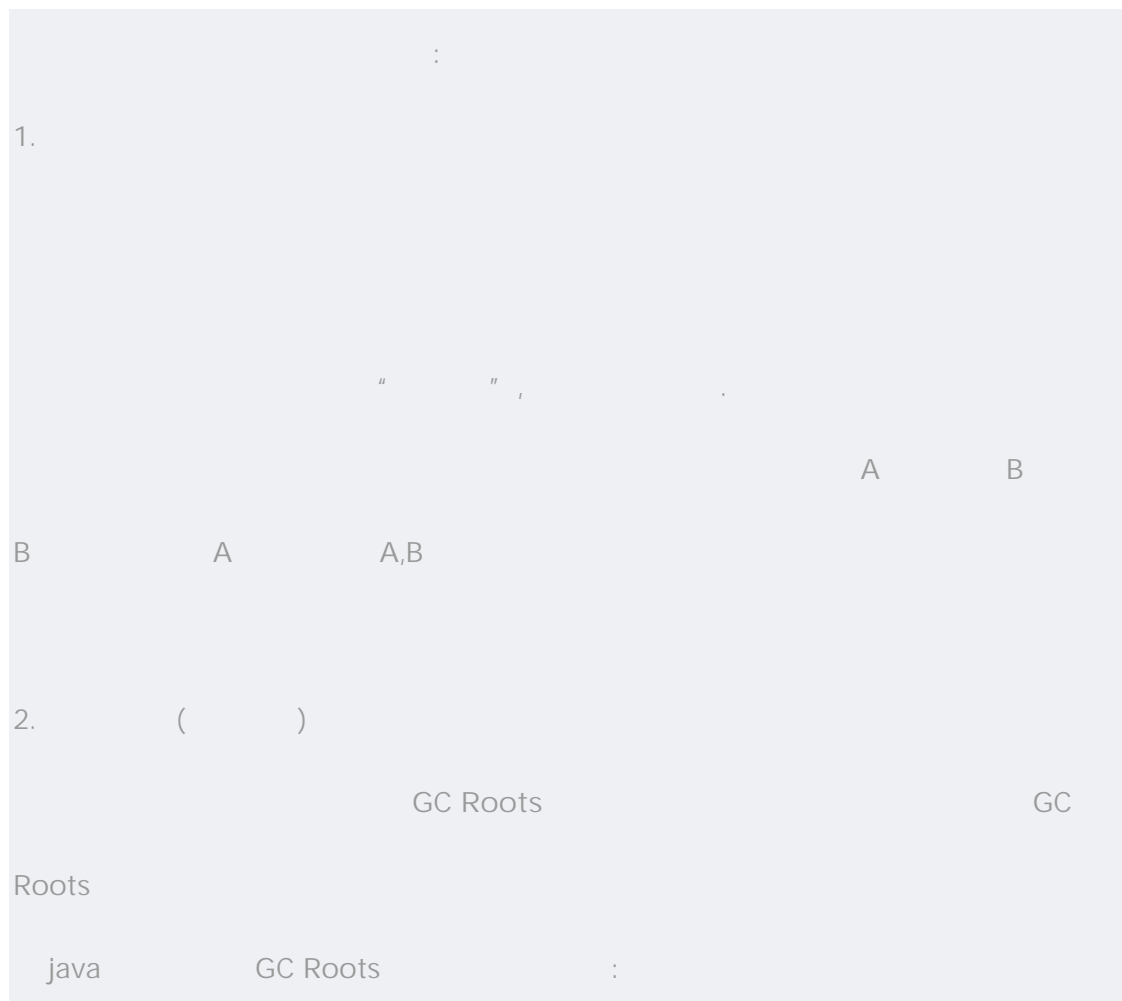
java

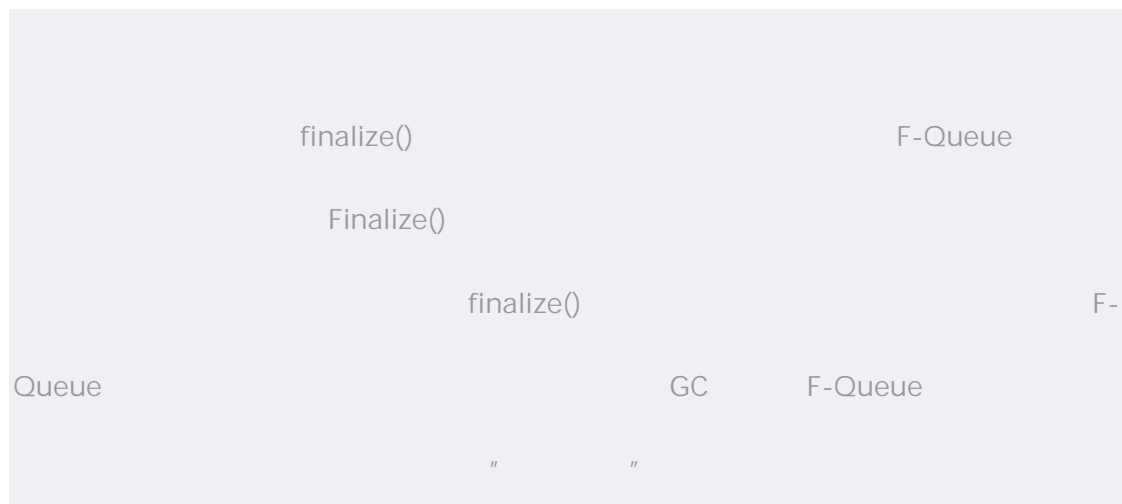
OOM

12.

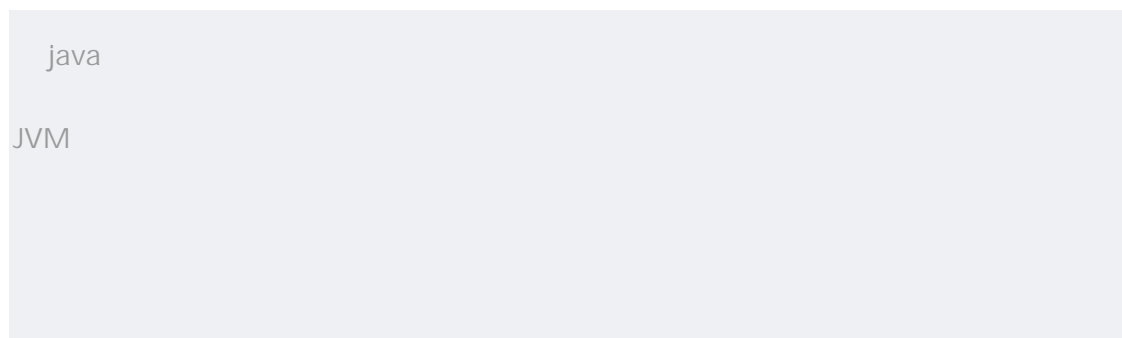
?(GC

)

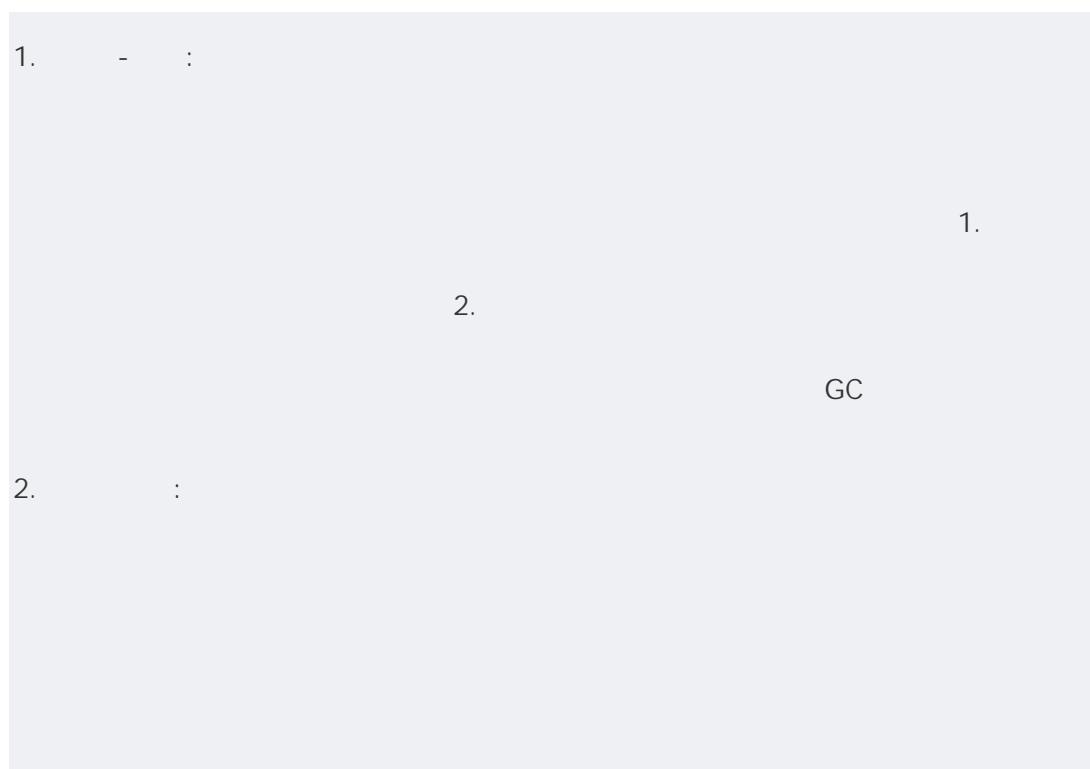


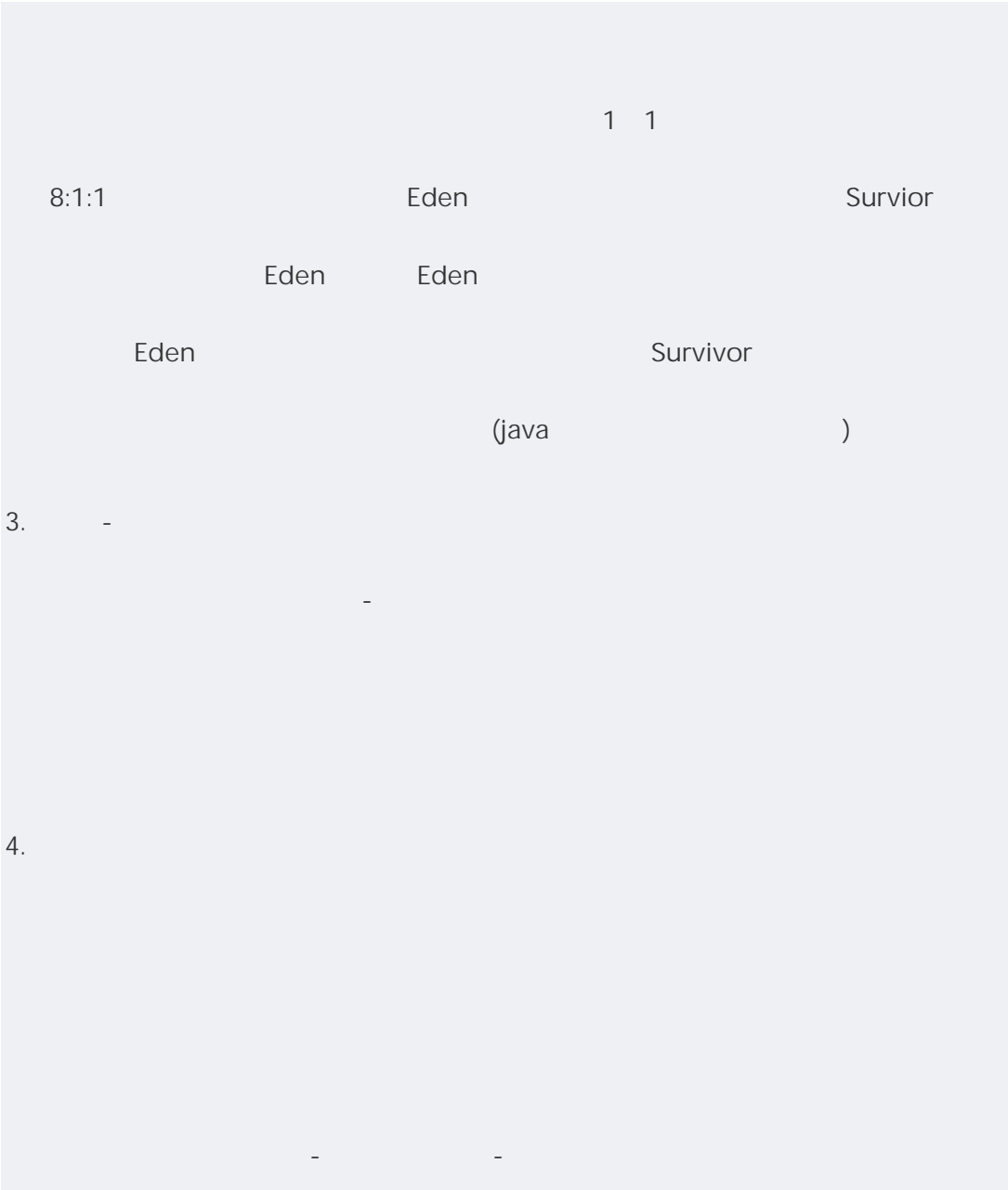


13. java ?



14.java ?





15.java



	A	B		2
1.	A	A		
2.	B		A	

16.java ?

java	7		
1.			
2.			
3.	Class		
	Class		.
	:		
1.		Class	
			.
2.	:		
3.			

4.

Java

```
public static int value=123; //      value      0  
123
```

1

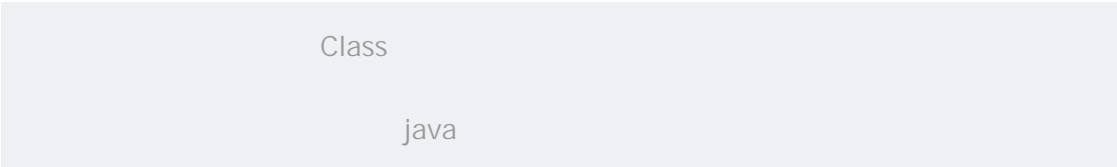
2

1

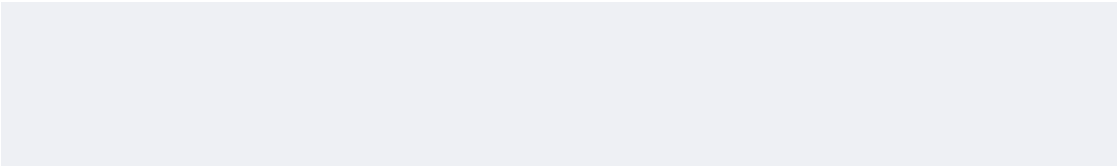
2

Java

17. java ?

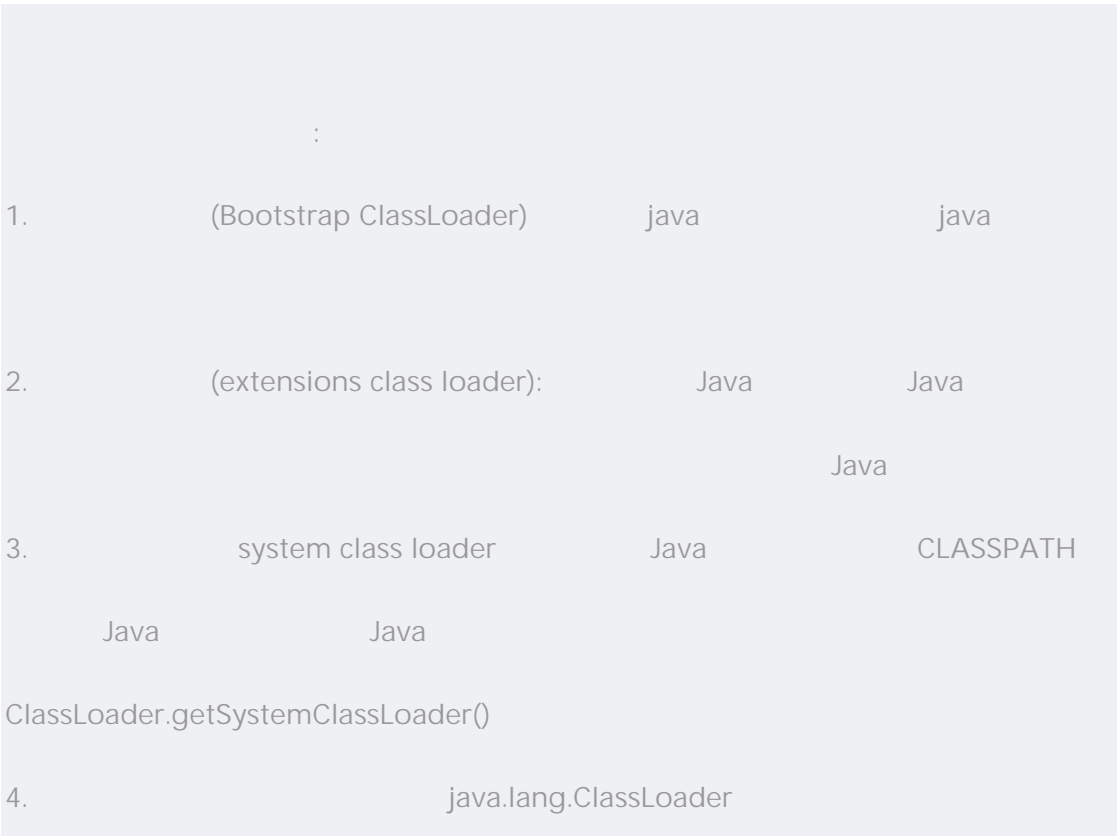


18.



19.

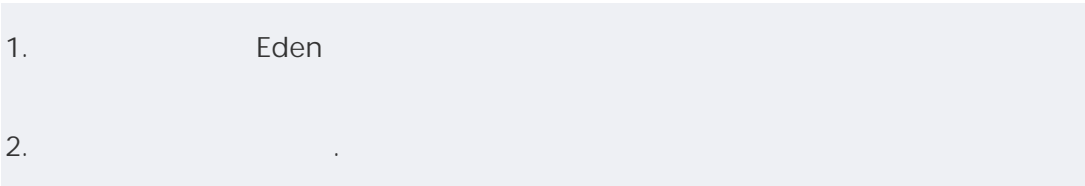
?



20. java

Minor GC

Major GC



3.

Eden

Minor GC.Minor Gc

Eden

Gc

;Full Gc/Major GC

GC

Minor GC,

Full GC

Minor

GC