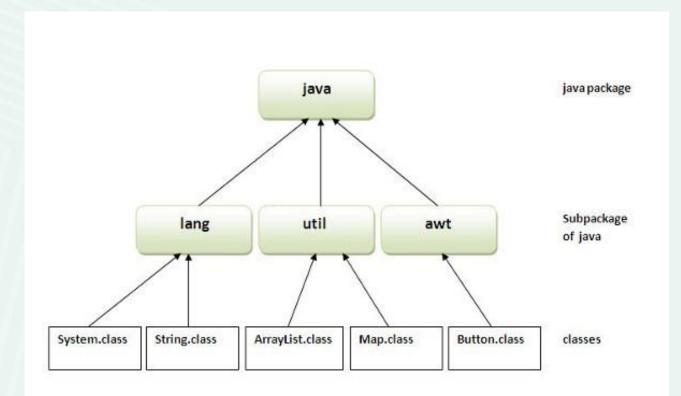
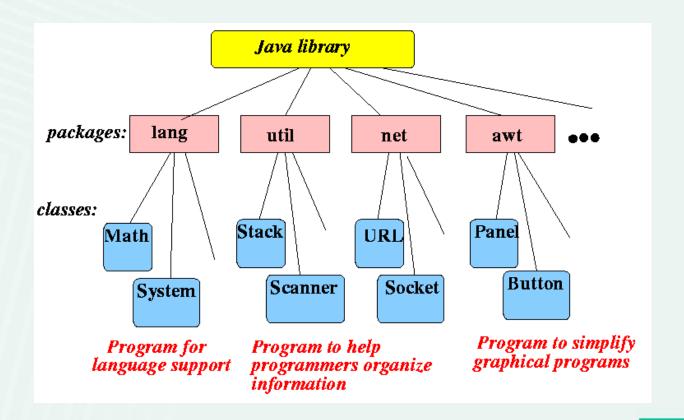
Package tushunchasi. Access modifikatorlari

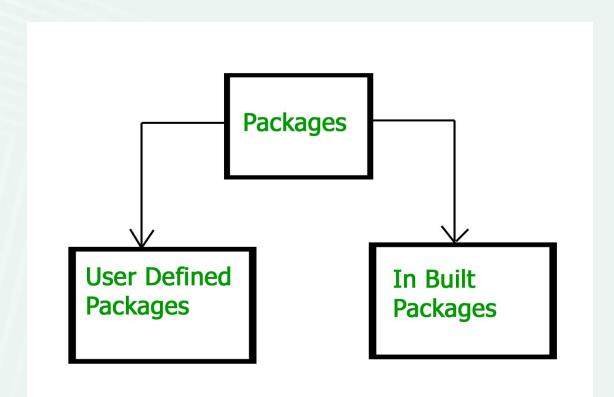














Modifikator (modifier) - inglizcha "modify", soʻzdan kelib chiqqan boʻlib "o'zgartirmoq", "tartibga solmoq" degan ma'nolarni beradi.





Javada modifikator – bu class, method, va oʻzgaruvchilarning ishini "oʻzgartiruvchi va tartibga soluvchi" kalit soʻz.



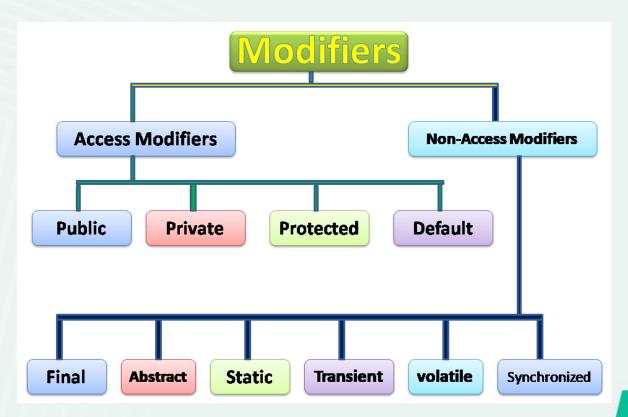


Javada modifikatorlar 2 ta guruhga bo'linadi:

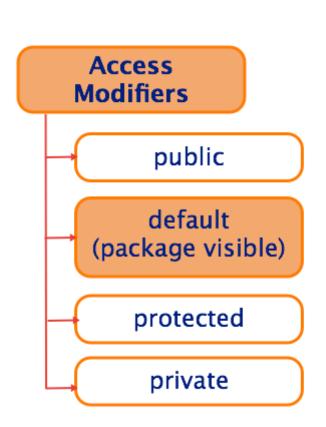
- 1. Ruxsat (turi)modifikatorlar (Access Modifiers)
- 2. Boshqa modifikatorlar (Non-Access Modifiers).













	private	default	protected	public
Class	No	Yes	No	Yes
Constructor	Yes	Yes	Yes	Yes
Method	Yes	Yes	Yes	Yes
Field	Yes	Yes	Yes	Yes





different packages

```
package p1;
public class Class1
{ }
class Class2
{ }
```



```
package p2;
import p1.*;
public class Other
{
        Class1 c1;
        Class2 c2;
}
```

only the public class is visible

same package

```
package p1;
public class Class1
{ }
class Class2
{ }
```





```
package p1;
public class Other
{
     Class1 c1;
     Class2 c2;
}
```

all classes are visible



Proje	 ct	Package	Class
public			
		default	
	inherit.	protected	
			private





	Different class but same package	Different package but subclass	Unrelated class but same module	Different module and p1 not exported
package p1; class A {	package p1; class B {	package p2; class C extends A {	package p2; class D {	package x; class E {
<pre>private int i; int j; protected int k; public int l;</pre>				
}	}	}	}	}
	Ac	cessible Inaccessible		





