```java
class ForEachExample1
{
  public static void main(String args[])
  {
        int arr[]={12,13,14,44};

        for(int i : arr)
        {
                System.out.println("   "+i);
        }

        String ss[]={"Ravi","Hari","Siva","John"};

        for(String s:ss)
        {
            System.out.println("   "+s);
        }
  }
}
```
===
```java
import java.util.*;
class ForEachExample2
{
  public static void main(String args[])
  {
        ArrayList<String> list=new ArrayList<String>();

        list.add("vimal");
        list.add("ravi");
        list.add("harish");

        for(String s:list)
        {
            System.out.println(s);
        }

  }
}
```
===
```java
class VarargsExample1
{

        static void display(String... a)
        {
            System.out.println("display method invoked \n");
        }

        public static void main(String args[])
        {
            display();//zero argument
            display("Java");
            display("Java","J2EE","C","C++");//four arguments
        }


}
```

```
=========================================================================
class VarargsExample2
{

        static void display(String... values)
        {
            System.out.println("display method invoked ");

            for(String s : values)
            {
                System.out.println(s);
            }


System.out.println("=====================================");

System.out.println("=====================================");
        }

        public static void main(String args[])
        {
            display();//zero argument
            display("Java");
            display("Java","J2EE","C","C++");//four arguments
        }
}
=========================================================================
class VarargsExample3
{

        static void display(int num, String... values)
        {
            System.out.println("number is "+num);
            for(String s:values)
            {
                System.out.println(s);
            }
        }

        public static void main(String args[])
        {
            display(100);
            display(500,"hello");//one argument
            display(1000,"my","name","is","varargs");//four arguments
        }
}
=========================================================================
class Boxing1
{
  static void m(int i)
  {
        System.out.println("  Widening ");
  }
  static void m(Integer i)
  {
        System.out.println("  Boxing ");
  }
```

```java
  public static void main(String args[])
  {

        short i=100;

        m(i);

        //m(new Integer(20));
  }
}
========================================================================
class BoxingExample1
{
  public static void main(String args[])
  {
        int a=50;

        Integer a2=new Integer(a);//Boxing

        Integer a3=a; // Auto-Boxing

        System.out.println(a2+" "+a3);
  }
}
========================================================================

import java.util.ArrayList;

class ForEachExample3
{
     public static void main(String args[])
     {

          int a[];

          a=new int[5];

          a[0]=100;
          a[1]=200;
          a[2]=300;
          a[3]=400;
          a[4]=500;

          int v;

          for(int i=0;i<5;i++)
          {
               v=a[i];
               System.out.println("  Result :  "+v);
          }


System.out.println("=======================================");

          for(int x : a)
          {
               System.out.println("  Result :  "+x);
          }
```

```java
                new Demo().test();
        }
}
class Demo{

    void test(){

        String ss[]={"Ravi","Hari","Siva","Ramu","Prakash"};



System.out.println("=========================================");

            for(String s : ss)
            {
                System.out.println("  Result :   "+s);
            }

            ArrayList al=new ArrayList();

            al.add("Java");
            al.add("J2EE");
            al.add("C++");
            al.add("C");
            al.add("VB");

             for (Object object : al) {
                System.out.println("   "+(String)object);
             }

    }
}
```
==
```java
import static java.lang.System.*;

class StaticImportExample
{
      public static void main(String args[])
      {

        out.println("Hello");//Now no need of System.out
        out.println("Java");


      }
}
```
==

==

==

==

==

```
======================================================================

======================================================================


int    i   = 100;


Integer  ob1 = new Integer(i);


Integer  ob2 = i;
```