**package** com.company;  
  
**import** java.util.Scanner;  
  
**public class** Main {  
  
 **public static** Scanner *scanner*=**new** Scanner(System.***in***);  
  
 **public static void** main(String[] args) {  
 *//int[] hp={1,2,3,4,5,6,7,8,9};  
 //for (int i=0; i<=hp.length;i++){  
 //System.out.println(i);  
 //}* **int**[] arr=*getarray*(5); *//creating the array dynamically* **for** (**int** i=0; i<arr.**length**;i++)  
 System.***out***.println(**"Element "** + i + **" is "** + arr[i]);  
  
 System.***out***.println(**"Average is : "** + *averages*(arr)); *// to find average* }  
  
 *//creates an array* **public static int**[] getarray(**int** nos){  
 System.***out***.println(**"Enter "** + nos + **" numbers"**);  
 **int**[] nb=**new int**[nos];  
  
 **for** (**int** i=0;i<nos;i++){  
 nb[i]=*scanner*.nextInt(); *//holds next item* }  
 **return** nb;  
 }  
  
 **public static double** averages(**int**[] num){  
 **int** sum=0;  
 **for** (**int** i=0;i<num.**length**;i++)  
 sum=sum+num[i];  
  
 **double** average=(**double**) sum / (**double**)num.**length**;  
  
 **return** average;  
 }  
}  
*/\*  
 Enter 5 numbers  
 10  
 20  
 30  
 40  
 50  
 Element 0 is 10  
 Element 1 is 20  
 Element 2 is 30  
 Element 3 is 40  
 Element 4 is 50  
 Average is : 30.0  
  
 Process finished with exit code 0  
\*/*