123

for(i=1 ;i<=3 ;i++ ) {

for(s=i ; s >1;s-- )

S.o.p(“ “);

123 for(j**=i** ;j<=**3**  ;**j++** )

System.out.print(j)

S.o.pln()

}

23

3

Q2 Accept 5 element in an array and

store all even index data in another array

int i,j;

int[] cpy= new int[5];

int[] arr =new int[5];

int len=arr.length;

Scanner sc=new Scanner(System.in);

for(i=0,j=0;i<len;i++)

{arr[i]=sc.nextInt();

if(arr[i]%2==0)

cpy[j++]=arr[i]\*arr[i];

}

for(i=0; i<j;i++)

S.p.ln(cpy[i]);

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 |
| 2 | 3 | 4 | 1 | 8 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0 | **1** | **2** | **3** | 4 |
| 4 | 16 | 64 |  |  |

Accept 5 element in an array , accept index from user and store data from that index in to another array

index

2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 |
| 2 | 3 | 4 | 1 | 8 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 |
| 4 | 1 | 8 |  |  |

import java.util.\*;

public class Main

{ public static void main (String[]args)

{ int i, j;

int[] cpy = new int[5];

int[] arr = new int[5];

int len = arr.length;

Scanner sc = new Scanner (System.in);

for (i = 0; i <len; i++)

arr[i] = sc.nextInt ();

int index=sc.nextInt ();//3

if(index<5&&index>=0)

{

for (i = index,j=0; i <len; i++)//3 -4

cpy[j++]=arr[i];

for (i = 0; i <j; i++)

System.out.println(cpy[i]);

}

else

System.out.println("Index should be >=0 and <5");

}

}

Q Accept 5 element in an array pass it into method let method increment its value by 1 and print using another method

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 |
| 2 | 6 | 7 | 10 | 9 |

import java.util.\*;

arr

public class Main

{

2000

public static void main (String[] xyz)

{ int i, j;

int[] arr = new int[5];

int len = arr.length;//5

Scanner sc = new Scanner (System.in);

for (i = 0; i <len; i++)

arr[i] = sc.nextInt ();

inrementarray(arr);

a

}

2000

public static void inrementarray(int [] a)

{int len = a.length;

arr

for(int i=0;i<len;i++)

2000

++a[i] ///a[i]=a[i]+1; print(a);

}

public static void print(int [] arr)

{ for(int data : arr) System.out.print(data);

}

}

Q Accept 3 element in an array pass it in method , find factor of each element and store it in array and using method print it.

import java.util.\*;

public class Main

{ public static void main (String[]args)

{ int i, j;

int[] arr = new int[3];

|  |  |  |
| --- | --- | --- |
| 0 | 1 | 2 |
| 6 | 12 | 4 |

int len = arr.length;

Scanner sc = new Scanner (System.in);

for (i = 0; i <len; i++)

{ arr[i] = sc.nextInt (); // 6 12 4

findfactor(arr[i]); //6 12 4

}

}

no

public static void findfactor(int no)//6 12 4

|  |  |  |
| --- | --- | --- |
| 0 | **1** | **2** |
| 1 | 2 | 4 |

{ int j=0;

arr

4

int [] arr=new int[no/2+1];

for(int i=1;i<=no;i++)

2000

if(no%i==0)

j

arr[j++]=i;

3

display(arr);

}

public static void display(int[] a)

a

{ for(int i=0;i<a.length;i++)

2000

S.o.pln(a[i]);

}

import static java.lang.System.out;

import java.util.\*;

public class Main

{ static int[] a = new int[40];

static int j;

public static void main (String[]args)

{ int i, j;

int[] arr = new int[3];

int len = arr.length;

Scanner sc = new Scanner (System.in);

for (i = 0; i < len; i++)

arr[i] = sc.nextInt (); // 6 12 4 //6 12 4

for (i = 0; i < len; i++)

findfactor (arr[i]);

display (a);

}

public static void findfactor (int no)//6 12 4

{ for (int i = 1; i <= no; i++)

if (no % i == 0)

a[j++] = i;

}

public static void display (int[]a)

{ for (int i = 0; i < a.length; i++)

out.print (a[i]);

out.println();

}

}