//1zad;

public class massiv {

public static void main(String[] args) {

int n = 5;

int[] a = new int[n];

for (int i = 0; i < n; i++) {

a[i] = i \* (i + 1);

}

for (int i = 0; i < n; i++) {

System.out.print(a[i] + " ");

}

}

}

//2 zad

public class massiv{

public void main(String[] args) {

int n=5;

int [] a = new int [n];

int x=5;

for (int i=0; i<n; i++) {

a[i]=x%2;

}

for (int i=0; i<n; i++) {

System.out.print(a[i]+" ");

}

}

}

//3zad

public class massiv {

public static void main(String[] args) {

int n=5;

int [] a = new int [n];

int x=5;

for (int i=0; i<n; i++) {

x=(int) (90\*Math.random()+10);

a[i]=x/10;

}

for (int i=0; i<n; i++) {

System.out.print(a[i]+" ");

}

}

}

//4zad

public class massiv {

public static void main(String[] args) {

int n=5;

int [] a = new int [n];

int x=(int) (Math.random()\*99+1);;

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

for (int i=0; i<n; i++) {

a[i]=x;

x=x+x%10;

}

for (int i=0; i<n; i++) {

System.out.print(a[i]+" ");

}

}

}

//6 zad

public class massiv {

public static void main(String[] args) {

int n=5;

int [] a = new int [n];

int x=(int) (Math.random()\*99+1);;

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

for (int i=0; i<n; i++) {

a[i]=x;

x=x+x%10;

}

for (int i=0; i<n; i++) {

System.out.print(a[i]+" ");

}

}

}

//7 zad

public class massiv {

public static void main(String[] args) {

int n=5;

int [] a = new int [n];

int x=(int) (Math.random()\*100);

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

for (int i=0; i<n; i++) {

a[i]=x;

x=(int) (x+Math.random()\*100);

}

for (int i=0; i<n; i++) {

System.out.print(a[i]+" ");

}

}

}

//8 zad

public class massiv {

public static void main(String[] args) {

int n=5;

int [] a = new int [n];

int x=5;

for (int i=0; i<n; i++) {

a[i]=x;

a[n-1-i]=a[i];

}

for (int i=0; i<n; i++) {

System.out.print(a[i]+" ");

}

}

}