СРС 4 JAVA

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Раздел 18. Массивы

**Int n = 5;**

**Int[] а = new int[n];**

**Задание 1: 0 2,6,12,20;**

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

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

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

}

**Задание 2:** **1,1,1,1,1;**

int x = 7;

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

a[i] = x%2;

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

}

**Задание 3: 0;**

int x = 10;

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

a[i] = x%i;

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

}

**Задание 4**: **1,9,2,3,2;**

int x = 20;

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

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

a[i] = x/10;

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

}

**Задание 6: 71,72,74,78,86;**

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

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

a[i] = x;

x = x +x%10;

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

}

**Задание 7: 4,30,73,166,210;**

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

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

a[i] = x;

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

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

}

**Задание 8: 10,10,10,10,10;**

int x = 10;

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

a[i] = x;

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

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

}