1. Done
2. Done
3. Today we practice using arrays

How many integers do you want in your array today? 10

done for now..

1. The code is doing different things but the output remains unchanged. There is an error message for negative numbers because arrays can’t store a negative quantity of values.
2. { MyArray[i] = gen.nextInt((94-7)+1)+7;

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

}

1. for(int i = 6; i<=MyArray.length-1; i++)

{ MyArray[i] = gen.nextInt((94-7)+1)+7;

if(i % 8 == 0)

System.out.println();

System.out.print(MyArray[i]+"\t");

1. int Number, count=0;

Random gen = new Random();

System.out.println("Today we practice using arrays \n\n");

System.out.print("How many integers do you want in your array today? ");

Number = MyScan.nextInt();

int[] MyArray = new int[Number];

for(int i = 6; i<=MyArray.length-1; i++)

{ MyArray[i] = gen.nextInt((94-7)+1)+7;

if(i % 8 == 0)

System.out.println();

System.out.print(MyArray[i]+"\t");

count=i;

}

System.out.println("\n\n");

System.out.println(count);

1. Today we practice using arrays

How many integers do you want in your array today? 20

40 38 51 35 20 65 12 65

46 91 61 67 56 44 37 39

29 17 79 35

19

done for now..

1. double[] Stuff = new double[30];
2. double[] Stuff = new double[30];

for(int i = 0; i<=Stuff.length-1; i++)

{ Stuff[i] = gen.nextDouble() \* gen.nextInt((100-1)+1);

if(i % 2 == 0)

System.out.println();

System.out.print(Stuff[i]+"\t");

count=i;

}

System.out.println("\n\n"+count);

1. double[] Stuff = new double[30];

for(int i = 0; i<=Stuff.length-1; i++)

{ Stuff[i] = gen.nextDouble() \* gen.nextInt((100-1)+1);

if(i % 5 == 0)

System.out.println();

System.out.print(Stuff[i]+"\t");

count=i;

}

System.out.println("\n\n"+count);

1. Today we practice using arrays

How many integers do you want in your array today? 5

14.597605080014633 53.98996407944157 61.340032264283415 10.35670799218958 23.317409739331787

9.238055976704592 15.771274024115487 8.626021720760063 80.38836653255213 10.622288951902112

5.403379949669363 4.584316954462508 21.82179412600213 5.656623520324047 1.85940818813575

5.052751682094339 20.058456864821412 30.415657278798452 3.2902314666184216 4.3431606697762195

9.820945008870837 46.81358142825262 40.86517209931864 69.45168602040117 69.37553557851136

19.94902266083533 0.22411814744961434 12.48705165290449 22.888088901079705 68.64358199400694 Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 52

at Worksheet\_9.main(Worksheet\_9.java:45)

// Its trying to find something that I don’t have access to it, thanks to the operating system

1. Today we practice using arrays

How many integers do you want in your array today? 5

3.98386760569002 24.442988965506725 0.08549965485213185 55.655410373918336 8.334810238096217

24.690385083767012 2.0555628037535945 7.933951507080123 25.663333832660737 8.331964203147145

5.831152080270879 0.7719729782022391 60.893520205855225 6.297637007032767 10.88949572347024

37.982889354440616 44.352998844300664 30.597717206168824 65.49638443258173 0.5338425641273156

29.400692283624565 0.15943955047801195 49.95827104655581 5.193257605404457 14.066841821228858

25.036541147633113 41.80495961452699 20.47563953180614 27.79006286038432 53.57085280545537 Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: -3

at Worksheet\_9.main(Worksheet\_9.java:45)

// Same reason it did so in 13.

1. Done
2. char[] Vowels = {'a', 'e', 'i', 'o', 'u'};

1. System.out.println(Vowels.length);
2. char[] Vowels = {'a', 'e', 'i', 'o', 'u'};

for(int i = 0; i<=Vowels.length-1; i++)

{ System.out.println(Vowels.length);

}

//

Today we practice using arrays

How many integers do you want in your array today? 20

5

5

5

5

5

1. String[] Friends = new String[10];
2. String[] Friends = new String[10];

Friends[2] = "Fred Flintstone";

Friends[4] = "Barney Rubble";

// it does compile

1. String[] Friends = new String[10];

Friends[2] = "Fred Flintstone";

Friends[4] = "Barney Rubble";

for(int i = 0; i<=Friends.length-1; i++)

{ System.out.println(Friends[i]);

}

1. String[] Friends = new String[10];

Friends[1] = "Tiny Tim";

Friends[2] = "Fred Flintstone";

Friends[3] = "Hattrick Sam";

Friends[4] = "Barney Rubble";

Friends[5] = "Jimmeny Snickers";

for(int i = 0; i<=Friends.length-1; i++)

{ System.out.println(Friends[i]);

}

//

Today we practice using arrays

How many integers do you want in your array today? 20

null

Tiny Tim

Fred Flintstone

Hattrick Sam

Barney Rubble

Jimmeny Snickers

null

null

null

null

1. String[] DaysOfWeek = new String[7];

DaysofWeek[0] = "Sunday";

DaysofWeek[1] = "Monday";

DaysofWeek[2] = "Tuesday";

DaysofWeek[3] = "Wednesday";

DaysofWeek[4] = "Thursday";

DaysofWeek[5] = "Friday";

DaysofWeek[6] = "Saturday";

1. String[] DaysOfWeek = new String[7];

DaysOfWeek[0] = "Sunday";

DaysOfWeek[1] = "Monday";

DaysOfWeek[2] = "Tuesday";

DaysOfWeek[3] = "Wednesday";

DaysOfWeek[4] = "Thursday";

DaysOfWeek[5] = "Friday";

DaysOfWeek[6] = "Saturday";

for(int i = 0; i<=DaysOfWeek.length-1; i++)

{ System.out.println(DaysOfWeek[i]);

}

//Today we practice using arrays

How many integers do you want in your array today? 20

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday