[Chapter 10 Exercise#1](https://hwdsb.elearningontario.ca/d2l/le/15933542/discussions/threads/6515304/View" \o "Chapter 10 Exercise#1)

Dean Brunetti posted May 19, 2020 7:53 AM

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In this program you have to first decide where the array will be used.  There are 25 numbers generated.  This is where the array can be used.

int numbers[] = new int[25];

Create an array of size 25, when you do this you have available the locations from 0 - 24, which is 25 spots in the array.

Next generate and store the numbers into the array

for(int intC=0;intC<numbers.length;intC++){  
numbers[intC]=r.nextInt(100);

}

The size of the loop is 25 - this is also the size of the array, which the length gives you.  The range of the numbers is 0 - 99

Next decide which numbers are even, and which are odd.  Separate loops should be used to do this.  A number is even if it is dicisible by 2.  Odd if it is not

System.out.println("\nEven Numbers");  
for(int intC=0;intC<numbers.length;intC++){  
//decide if even  
}  
  
System.out.println("\nOdd Numbers");  
for(int intC=0;intC<numbers.length;intC++){  
// decide if odd  
}