import javax.swing.JOptionPane;

public class DeDupe

{

public static void main (String args [])

{

int numbers [] = new int [501];

int count = 1;

int count2 = 1;

boolean nodupes = false;

while (count <= 10)

{

numbers [count] = (int) (Math.random () \* 1000) + 1;

count = count + 1;

}

for (int s = 1; s < 7; s++) //starts selection sort of data

{

for (int d = s + 1; d <= 7; d++)

{

if(numbers [s] > (numbers [d]))

{

numbers [0] = numbers [d];

numbers [d] = numbers [s];

numbers [s] = numbers [0];

}

}

}

while (!nodupes)

{

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

{

for (int b = a + 1; b < numbers.length; b++)

{

if (b != a && numbers[b] == numbers[a])

numbers[b] = (int) (Math.random () \* 1000) + 1;

else

nodupes = true;

}

}

}

for (int a = 1; a < 7; a++) //starts selection sort of data

{

for (int b = a + 1; b <= 7; b++)

{

if(numbers [a] > (numbers [b]))

{

numbers [0] = numbers [b];

numbers [b] = numbers [a];

numbers [a] = numbers [0];

}

}

}

while (count2 <= 10)

{

System.out.println (numbers[count2]);

count2 = count2 + 1;

}

}

}