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| --- |
| import java.util.\*; |
|  |  |
|  | class ArmstrongNumBetweenRange{ |
|  | public ArrayList<Integer> armstrongNumbersInRange(int min , int max){ |
|  | ArrayList<Integer> ar=new ArrayList<Integer>(); |
|  | for(int i=min;i<=max;i++) |
|  | { |
|  | int temp=i, sum=0; |
|  | while(temp!=0) |
|  | { |
|  | int l=temp%10; |
|  | sum=sum+(l\*l\*l); |
|  | temp=temp/10; |
|  |  |
|  | } |
|  | if(sum==i) |
|  | ar.add(i); |
|  | } |
|  | //Integer[] numbers=new Integer[ar.size()]; |
|  | //numbers=ar.toArray(numbers); |
|  |  |
|  | return ar; |
|  |  |
|  | } |
|  | } |
|  | public class Assignment1Q2 { |
|  |  |
|  | public static void main(String[] args) { |
|  | int min=100, max=999; |
|  | ArmstrongNumBetweenRange ob = new ArmstrongNumBetweenRange(); |
|  | ArrayList<Integer> ar=ob.armstrongNumbersInRange(min, max); |
|  | for(int i=0;i<ar.size();i++) |
|  | System.out.print(ar.get(i)+" "); |
|  |  |
|  | } |
|  |  |
|  | } |