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import java.lang.*;
public class LargestPalindromeProduct {

    public static void main(String[] args) {
        String palindromes = "";
        int largepalin = 1;
        for (int i = 100; i<1000; i++)
        {
            for (int j = i; j<1000; j++)
            {
                if (isPalindrome(i*j))
                {
                    if (i*j>largepalin)
                    {
                        largepalin=i*j;
                    }
                    palindromes = palindromes + i*j + " ";
                }
            }
        }
        System.out.print(largepalin);
    }

    public static boolean isPalindrome(int possiblepalin)
    {
        boolean isPalin = true;
        String palindrome = String.valueOf(possiblepalin);
        for (int i=0; i<palindrome.length(); i++)
        {
            if (palindrome.charAt(i)!=palindrome.charAt(palindrome.length()-1-i))
            {
                isPalin=false;
            }
        }
        return isPalin;
    }
}
```

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