import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) throws IOException {

Scanner s=new Scanner(System.in);

int t=s.nextInt();

while(t-->0)

{

int n=s.nextInt();

System.out.println(lar\_Pal\_lessthan\_n(n));

}

s.close();

}

public static int lar\_Pal\_lessthan\_n(int n)

{

for(int i= n-1;i>=101101;i--)

{

if(ispal(i) && t2\_t3fact(i) )

{

return i;

}

}

return -1;

}

public static boolean ispal(int n)

{

int org=n;

int r=0;

while(n!=0)

{

r=r\*10+n%10;

n/=10;

}

return org==r;

}

public static boolean t2\_t3fact(int n)

{

for(int i=999;i>=100;i--)

{

if(n%i==0 && n/i>=100 && n/i<=999)

{

return true;

}

}

return false;

}

}