import java.io.\*;

import java.util.\*;

class Smallest Substring {

final static int NO\_OF\_CHARS = 250;

static int max\_distinct\_char(String str,int n)

{

int count[]= new int[NO\_OF\_CHARS];

for (int i=0;i<n;i++)

{

count[str.charAt(i)]++;}

int max\_distinct=0;

for (int i = 0; i < NO\_OF\_CHARS; i++)

{

if (count[i] != 0)

{

max\_distinct++;

}}

return max\_distinct;}

static int smallesteSubstr\_maxDistictChar(String str)

{

int n = str.length();

int max\_distinct = max\_distinct\_char(str,n);

int minl=n;

for (int i=0;i<n;i++)

{

for (int j=0;j<n;j++)

{

String subs=null;

if(i<j)

subs=str.substring(i, j);

else

subs=str.substring(j, i);

int subs\_lenght=subs.length();

int sub\_distinct\_char=max\_distinct\_char(subs, subs\_lenght);

if (subs\_lenght < minl && max\_distinct==sub\_distinct\_char)

{

minl = subs\_lenght;

}

}

}

return minl;}

public static void main(String x[])

{

String str;

int len;

Scanner s=new Scanner(System.in);

str=s.next();

len = smallesteSubstr\_maxDistictChar(str);

System.out.println(len);

}}