package String;

public class MostFrequentCharacter

{

public static void main(String[] args)

{

String s = "aaabbcdddef";

int rep = 0;

for (int i = 0; i < s.length(); i++)

{

for (int j = i+1; j < s.length(); j++)

{

if(s.charAt(i) == s.charAt(j))

{

rep++;

break;

}

}

}

int unilen = s.length()-rep;

char[] ca = new char[unilen];

int[] ia = new int[unilen];

int caindex = 0;

for (int i = 0; i < s.length(); i++)

{

int count = 0;

for (int j = 0; j < ca.length; j++)

{

if(ca[j] == s.charAt(i))

{

count++;

}

}

if(count==0)

{

ca[caindex] = s.charAt(i);

caindex++;

}

}

for (int i = 0; i < ca.length; i++)

{

int count = 0;

for (int j = 0; j < s.length(); j++)

{

if(ca[i] == s.charAt(j))

{

count++;

}

}

ia[i] = count;

}

s

for (int i = 0; i < ia.length; i++)

{

for (int j = 0; j < ia.length-1; j++)

{

if(ia[j] > ia[j+1])

{

int p = ia[j];

int q = ia[j+1];

ia[j] = q;

ia[j+1] = p;

char a = ca[j];

char b = ca[j+1];

ca[j] = b;

ca[j+1] = a;

}

}

}

for (int i = 0; i < ca.length; i++)

{

System.***out***.print(ca[i]+" ");

}

System.***out***.println();

for (int j = 0; j < ia.length; j++)

{

System.***out***.print(ia[j]+" ");

}

System.***out***.println();

System.***out***.println("Most Frequent Character: " + ca[ca.length-2]);

}

}