

```
#Sameer Kumar  
# Contest 2
```

```
lstsk = []  
inp1 = input("Enter input number 1:")  
inp1 = list(inp1)
```

```
try:  
    for i in range(len(inp1)-1):  
        if inp1[i] == inp1[i + 1]:  
            inp1.pop(i)  
except IndexError:  
    lstsk.append("")
```

```
lst = []  
frst_let = inp1.pop(0)  
lst.append(frst_let)  
for x in inp1:  
    if x not in "AEIOIU":  
        lst.append(x)  
  
inp1 = lst
```

```
inp2 = input("Enter letter number 2:")  
inp2 = list(inp2)
```

```
try:  
    for i in range(len(inp2) - 1):  
        if inp2[i] == inp2[i + 1]:  
            inp2.pop(i)  
except IndexError:  
    lstsk.append("")
```

```
lst1 = []  
sec_let = inp2.pop(0)  
lst1.append(sec_let)  
for x in inp2:  
    if x not in "AEIOIU":  
        lst1.append(x)
```

```

inp2 = lst1

if inp1 < inp2:
    while len(inp1) < len(inp2):
        inp1.append("")
elif inp2 < inp1:
    while len(inp2) < len(inp1):
        inp2.append("")
i = 0
try:
    for x in inp1:
        if inp1[i] == inp2[i]:
            inp1.pop(i)
            inp2.pop(i)
        else:
            i = i + 1
except:
    lstbob.append("")
for x in inp1:
    if x == "":
        inp1.remove(x)
for x in inp2:
    if x == "":
        inp2.remove(x)

inp1.reverse()
inp2.reverse()
try:
    a = 0
    for x in inp1:
        if inp1[a] == inp2[a]:
            inp1.pop(a)
            inp2.pop(a)
        else:
            a = a + 1

except IndexError:
    lstsk.append("")
inp1.reverse()
inp2.reverse()
if len(inp1) < len(inp2):
    print("".join(inp1))
elif len(inp2) < len(inp1):
    print("".join(inp2))
else:
    inp1 = "".join(inp1)
    inp2 = "".join(inp2)
    lst21 = []
    lst21.append(inp1)
    lst21.append(inp2)
    lst21.sort()
    print(lst21[0])

```