In [10]:
```python
### Number of digits and number of characters count program

def CountOfDigits(s):
    charcount=0
    digitcount=0
    simblecount=0
    for i in s:
        if((i>='a' and i<='z') or(i>='A') and (i<='Z')):
            charcount=charcount+1
        elif(i>='0' and i<='9'):
            digitcount = digitcount+1
    print(digitcount)
    print(charcount)

s=input()
CountOfDigits(s)

```

```
dsfhth1346
4
6
```

In [13]:
```python
### Largest remainder in a given number program

def highrem(n):
    rem1=0
    for i in range(1,n):
        rem=n%i
        if rem > rem1:
            rem1=rem
            j=i
    return j


t=int(input())
for i in range(t):
    n=int(input())
    print(highrem(n))




```

```
2
5
3
4
3
```

```python
# n=int(input())
def isPrime(n):
    count=0
    for i in range(1,n+1):
        if(n%i==0):
            count+=1
    if(count==2):
        print(n,end=" ")
#     else:
#         print(False)
    return


def Series(start,end):
    sum=0
    for n in range(start,end+1):
        if(isPrime(n)):
            print(isPrime(n))
    return
Series(1,10)
```

```
2 3 5 7
```

In [ ]:

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