Maximum remainder

In [26]:
```
def maxrem(n):
    u={}
    for i in range(1,n):
        rem=n%i
        u[i]=rem
    m=max(u.values())
    for item in u.items():
        if item[1]==m:
            print(item[0])
n1=int(input())
for i in range(n1):
    n=int(input())
    maxrem(n)
```

```
2
4
3
5
3
```

In [ ]:
```
```

In [2]:
```
dir(list)
```

Out[2]:
```
['__add__',
 '__class__',
 '__contains__',
 '__delattr__',
 '__delitem__',
 '__dir__',
 '__doc__',
 '__eq__',
 '__format__',
 '__ge__',
 '__getattribute__',
 '__getitem__',
 '__gt__',
 '__hash__',
 '__iadd__',
 '__imul__',
 '__init__',
 '__init_subclass__',
 '__iter__',
 '__le__',
 '__len__',
 '__lt__',
 '__mul__',
 '__ne__',
 '__new__',
 '__reduce__',
 '__reduce_ex__',
 '__repr__',
 '__reversed__',
 '__rmul__',
 '__setattr__',
 '__setitem__',
 '__sizeof__',
 '__str__',
 '__subclasshook__',
 'append',
 'clear',
 'copy',
 'count',
 'extend',
 'index',
 'insert',
 'pop',
 'remove',
 'reverse',
 'sort']
```

In [1]:
```
li=[0,1,2,1,0]
l=max((li))
l
```

Out[1]:
```
2
```

In [ ]: