

```
In [1]: n=int(input())
        for i in range (n):
            n1=int(input())
            rem=0
            li=[]
            for j in range(1,n1+1):
                if(n1%j!=0):
                    rem=n1%j
                    li=li.append(rem)
            l=max(rem)
            print()
```

```
2
5
1
2
1
dir(list)
```

```
-----
ValueError                                Traceback (most recent call last)
<ipython-input-1-7494a53edfaf> in <module>
      1 n=int(input())
      2 for i in range (n):
----> 3     n1=int(input())
      4     rem=0
      5     count=0

ValueError: invalid literal for int() with base 10: 'dir(list)'
```

```
In [ ]:
```

```
In [ ]: n=input()
```

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

```
Out[2]: ['__add__',
         '__class__',
         '__contains__',
         '__delattr__',
         '__delitem__',
         '__dir__',
         '__doc__',
         '__eq__',
         '__format__',
         '__ge__',
         '__getattr__',
         '__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 [9]: li=[0,1,2,1,0]
l=max(index(li))
1
```

```
-----
NameError                                Traceback (most recent call last)
<ipython-input-9-149fddf9da85> in <module>
      1 li=[0,1,2,1,0]
----> 2 l=max(index(li))
      3 l

NameError: name 'index' is not defined
```

```
In [16]: def isprime(n):
          c=0
          for i in range (1,n+1):
              if(n%i==0):
                  c=c+1
          if(c==2):
              print(n)
n=int(input())
for i in range(1,n1+1):
    n=int(input())
isprime(n)
```

```
File "<ipython-input-16-f44e451f55f7>", line 11
    isprime(n)
      ^
SyntaxError: invalid syntax
```

```
In [ ]:
```