1.

```python
def func(L):

    for i in L:
        if i%2==1:
            return i
    raise ValueError("There is no even number in the list")
L=[2,4,3]
L2=[4,6,8]


print(func(L))
print(func(L2))
```

2.

```python
class EquilateralTriangle(object):
    def __init__(self,length):
        self.side=length
    def circumference(self):
        return 3*self.side
    def area(self):
        return (self.side**2)*(3**0.5)/2
    def __str__(self):
        return ("T<"+str(self.side)+">")
```

3.

```python
class Alient(object):
    """


    """
    try:
```

```python
        def __init__(self, name, color):

            """ name is a string made of two small letters, color is "blue", "yellow" or "red" """

            assert (type(name) == str and len(name)==2 and name[0] in
"abcdefghijklmnopqrstuvwxyz" and

            name[1] in "abcdefghijklmnopqrstuvwxyz" and

            ((color)=="blue" or color=="yellow" or color=="red")), "This in not an alient data"


            self.name = name

            self.color = color

        def get_name(self):

            return str(self.name)

        def get_color(self):

            return str(self.color)

        def set_name(self,newname):

            self.name=newname

        def set_color(self,newcolor):

            self.color=newcolor

        def __str__(self):

            return ( "alient:"+str(self.name)+":"+str(self.color))

    except:

        pass


4.

def __add__(self, other):

    """ merging two alients """

    addname=self.name[0]+other.name[0]

    if (self.color=="blue" and other.color=="yellow") or (self.color=="yellow" and
other.color=="blue"):

        addcolor="red"

    elif (self.color=="blue" and other.color=="red") or (self.color=="red" and
other.color=="blue"):
```

```python
        addcolor="yellow"
    elif (self.color=="yellow" and other.color=="red") or (self.color=="red" and other.color=="yellow"):
        addcolor="blue"
    else:
        addcolor=self.color
    return Alient(addname,addcolor)
```