simplejson_dump.py

```
import json

data = {"name": "Jane", "age": 17}

with open('friends.json', 'w') as f:

    json.dump(data, f)
```

##########################################################################

config.json

```
{
  "theme" : "bluespring",
  "size": "small",
  "splashscreen": "false"
}
```

read_config.py

```
import json

with open('config.json') as f:

    config = json.load(f)

    print('Theme: {}'.format(config['theme']))
    print('Size: {}'.format(config['size']))
    print('Splash screen: {}'.format(config['splashscreen']))
```

##########################################################################

```
import json

data = [{"name": "Jane", "age": 17}, {"name": "Thomas", "age": 27}]

json_data = json.dumps(data)
print(repr(json_data))
```

simplejson_dumps.py

##########################################################

simplejson_loads.py

```
import json
```

```
json_data = '{"name": "Jane", "age": 17}'

data = json.loads(json_data)

print(type(json_data))
print(type(data))

print(data)

#################################################################
parse_json_url.py
#!/usr/bin/python

import json
import urllib.request

hres = urllib.request.urlopen('http://time.jsontest.com')

data = json.loads(hres.read().decode("utf-8"))

print('Unix time: {}'.format(data['milliseconds_since_epoch']))
print('Time: {}'.format(data['time']))
print('Date: {}'.format(data['date']))

#################################################################
pretty_print_json.py
import json

json_data = {"name":"Audi", "model":"2012", "price":22000,
                    "colours":["gray", "red", "white"]}

data = json.dumps(json_data, sort_keys=True, indent=4 * ' ')

print(data)

#########################################################
custom_class.py
import json

class Person(object):
```

```
    def __init__(self, name, age):

        self.name = name
        self.age = age

p = Person("Lucy", 23)

json_data = json.dumps(p.__dict__)

print(repr(json_data))

#################################################################
custom_class_list.py
import json

class Person(object):

    def __init__(self, name, age):

        self.name = name
        self.age = age

    def toJson(self):
        '''
        Serialize the object custom object
        '''
        return json.dumps(self, default=lambda o: o.__dict__,
                sort_keys=True, indent=4)

p1 = Person("Lucy", 23)
p2 = Person("Thomas", 29)

people = []
people.append(json.loads(p1.toJson()))
people.append(json.loads(p2.toJson()))

json_data = json.dumps(people)

print(repr(json_data))
```