

CSV Solutions

1.

```
```py
import csv

with open('ford_escort.csv') as file:
 reader = csv.DictReader(file, delimiter=',')
 next(reader) # skips the header
for row in reader:
 print(row)
```
```

1.

```
```py
import csv

DictReader skips the headers automatically
with open('ford_escort.csv') as file:
 reader = csv.DictReader(file, delimiter=',')
for row in reader:
 print(row)
```
```

1.

```
```py
import csv

with open('people.csv', mode='w') as file:
 writer = csv.writer(file, delimiter=',')

 writer.writerow(['Joe', 'Bloggs', 40])
 writer.writerow(['Jane', 'Smith', 50])
```
```

1.

```
```py
import csv

with open('people.csv', mode='a') as file:
 writer = csv.writer(file, delimiter=',')
```

```
 writer.writerow(['Sally', 'Doe', 30])
 ...
```

## JSON Solutions

1.

```
```py  
import json  
  
with open('example.json', 'r') as file:  
    data = json.load(file)  
  
print(data)  
```
```

1.

```
```py  
import json  
with open('example.json', 'r') as file:  
    data = json.load(file)  
  
for item in data['menu']['items']:  
    print(item['id'])  
```
```

1.

```
```py  
import json  
  
data = {  
    'president': {  
        'name': 'Zaphod Beeblebrox',  
        'species': 'Betelgeusian'  
    }  
}  
  
with open('data_file.json', 'w') as write_file:  
    json.dump(data, write_file)  
```
```