1. Solution:

```python

test1 = 'This is a test of the emergency text system,'

with open('test.txt', 'w') as file:

file.write(test1)

```

2. Solution:

```python

with open('test.txt', 'r') as file:

test2 = file.read()

print(test1 == test2) # True

```

3. Solution:

```python

import csv

with open('books.csv', 'w', newline='') as file:

writer = csv.writer(file)

writer.writerow(['title', 'author', 'year'])

writer.writerow(['The Weirdstone of Brisingamen', 'Alan Garner', 1960])

writer.writerow(['Perdido Street Station', 'China Miéville', 2000])

writer.writerow(['Thud!', 'Terry Pratchett', 2005])

writer.writerow(['The Spellman Files', 'Lisa Lutz', 2007])

writer.writerow(['Small Gods', 'Terry Pratchett', 1992])

```

4. Solution:

```python

import sqlite3

conn = sqlite3.connect('books.db')

c = conn.cursor()

c.execute('''CREATE TABLE books

(title TEXT, author TEXT, year INTEGER)''')

conn.commit()

conn.close()

```

5. Solution:

```python

import csv

import sqlite3

conn = sqlite3.connect('books.db')

c = conn.cursor()

with open('books.csv', 'r') as file:

reader = csv.reader(file)

next(reader) # skip header row

for row in reader:

c.execute("INSERT INTO books VALUES (?, ?, ?)", row)

conn.commit()

conn.close()

```

6. Solution:

```python

import sqlite3

conn = sqlite3.connect('books.db')

c = conn.cursor()

for row in c.execute("SELECT title FROM books ORDER BY title"):

print(row[0])

conn.close()

```

7. Solution:

```python

import sqlite3

conn = sqlite3.connect('books.db')

c = conn.cursor()

for row in c.execute("SELECT title, author, year FROM books ORDER BY year"):

print(row)

conn.close()

```

8. Solution:

```python

from sqlalchemy import create\_engine

engine = create\_engine('sqlite:///books.db')

conn = engine.connect()

result = conn.execute("SELECT title FROM books ORDER BY title")

for row in result:

print(row[0])

result = conn.execute("SELECT title, author, year FROM books ORDER BY year")

for row in result:

print(row)

conn.close()

```

9. Solution:

First, start the Redis server on your computer. Then, run the following code:

```python

import redis

r = redis.Redis(host='localhost', port=6379, db=0)

r.hmset('test', {'count': 1, 'name': 'Fester Bestertester'})

print(r.hgetall('test'))

```

10. Solution:

```python

count = r.hincrby('test', 'count', 1)

print(count)

```