

Example 1: We are puzzled as to how some of our friends can go on holiday to exotic locations – while we have to stay at home. We have the following mental picture:

1. The Green-Eyed Monster Report

2. -----

3. Name	4. Job	5. Earns	6. Holiday	
			7. Year	8. Place
9. Sue	10. lecturer	11. peanuts	12. 1996	13. Nairobi, Kenya
			14. 1994	15. Paris, France
			16. 1995	17. Acapulco, Mexico
18. Bill	19. plumber	20. heaps	21. 1995	22. Cairns, Australia
			23. 1998	24. Acapulco, Mexico
			25. 1999	26. Nairobi, Kenya
27. Doug	28. doctor	29. heaps	30. 1998	31. Hong Kong, China
			32. 1997	33. Paris, France

34. -----

```
1. <gem>
2.   <JealousyRecord>
3.     <Person>Sue</Person>
4.     <Job Earnings="peanuts">lecturer</Job>
5.     <Holiday>
6.       <Year>1996</Year>
7.       <City>Nairobi</City><Country>Kenya</Country></Holiday>
8.     <Holiday>
9.       <Year>1994</Year>
10.      <City>Paris</City><Country>France</Country></Holiday>
11.    <Holiday>
12.      <Year>1995</Year>
13.      <City>Acapulco</City><Country>Mexico</Country></Holiday>
14.  </JealousyRecord>
15.  <JealousyRecord>
16.    <Person>Bill</Person>
17.    <Job Earnings="heaps">plumber</Job>
18.    <Holiday>
19.      <Year>1995</Year>
20.      <City>Cairns</City><Country>Australia</Country></Holiday>
21.    <Holiday>
22.      <Year>1998</Year>
23.      <City>Acapulco</City><Country>Mexico</Country></Holiday>
24.    <Holiday>
25.      <Year>1999</Year>
26.      <City>Nairobi</City><Country>Kenya</Country></Holiday>
27.  </JealousyRecord>
28.  <JealousyRecord>
29.    <Person>Doug</Person>
30.    <Job Earnings="heaps">doctor</Job>
31.    <Holiday>
32.      <Year>1998</Year>
33.      <City>Hong Kong</City><Country>China</Country></Holiday>
34.    <Holiday>
35.      <Year>1997</Year>
36.      <City>Paris</City><Country>France</Country></Holiday>
37.  </JealousyRecord>
38. </gem>
```

Example 2: We have a juicy piece of gossip and want to spread it around. We will phone some people and write to others:

```
1. The Hot Gossip Report
2. -----
3. Name    Contact
4.
5. Ann     22 Strand Bvd, Copenhagen
6. Bill    3391 1615
7. Sue     8223 2555
8. Doug    3 Via Appia, Rome
9. -----
```

Suppose that the document is encoded as follows:

```
1. <HotGossip>
2.   <Friend>Ann</Friend>
3.   <Contact>
4.     <Address>22 Strand Bvd, Copenhagen</Address>
5.   </Contact>
6.   <Friend>Bill</Friend>
7.   <Contact>
8.     <PhoneNr>3391 1615</PhoneNr>
9.   </Contact>
10.  <Friend>Sue</Friend>
11.  <Contact>
12.    <PhoneNr>8223 2555</PhoneNr>
13.  </Contact>
14.  <Friend>Doug</Friend>
15.  <Contact>
16.    <Address>3 Via Appia, Rome</Address>
17.  </Contact>
18. </HotGossip>
```

Example 3: We want to interfere in their private lives. What else are friends for?

```
1. The Match-making Report
2. -----
3. Name    Sex    Age    Interests
4.
5. Bill    m      29    sport, travel
6. Sue     f      31    travel
7. Ian     m              music, art, photography
8. Ann     f      32    Ian
9. -----
```

Suppose that the document is encoded as follows:

```
1. <MatchMaking>
2.   <Name Sex="m" Age="29">Bill</Name>
3.   <Interest>sport</Interest><Interest>travel</Interest>
4.   <Name Sex="f" Age="31">Sue</Name>
5.   <Interest>travel</Interest>
6.   <Name Sex="m">Ian</Name>
7.   <Interest>music</Interest><Interest>art</Interest>
8.   <Interest>photography</Interest>
9.   <Name Sex="f" Age="32">Ann</Name>
10.  <Interest>Ian</Interest>
11. </MatchMaking>
```