

1-

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE numbers [
    <!ELEMENT numbers (#PCDATA)>
]>
```

```
<numbers>50</numbers>
```

2-

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE letters [
    <!ELEMENT letters (letter)>
    <!ELEMENT letter (#PCDATA)>
]>
```

```
<letters>
    <letter>a</letter>
</letters>
```

3-

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE colors [
    <!ELEMENT colors (color*)>
    <!ELEMENT color (#PCDATA)>
]>
```

```
<colors>
    <color>pink</color>
    <color>black</color>
    <color>blue</color>
</colors>
```

4-

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE flowers [
    <!ELEMENT flowers (flower+)>
    <!ELEMENT flower (#PCDATA)>
]>

<flowers>
    <flower>daisy</flower>
</flowers>
```

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```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE animals [
    <!ELEMENT animals (animal*)>
    <!ELEMENT animal (#PCDATA)>
]>

<animals>
    <animal>Poodle</animal>
    <animal>Siamese</animal>
</animals>
```

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```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE writers [
    <!ELEMENT writers (writer*)>
    <!ELEMENT writer (name, date_of_birth)>
    <!ELEMENT name (#PCDATA)>
    <!ELEMENT date_of_birth (#PCDATA)>
]>

<writers>
    <writer>
        <name>M. Vargas Llosa</name>
        <date_of_birth>28/03/1936</date_of_birth>
    </writer>
    <writer>
        <name>Milan Kundera</name>
```

```
        <date_of_birth>01/04/929</date_of_birth>
    </writer>
</writers>
```

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```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE musics [
    <!ELEMENT musics (music*)>
    <!ELEMENT music ((name | nickname), date_of_birth)>
    <!ELEMENT name (#PCDATA)>
    <!ELEMENT nickname (#PCDATA)>
    <!ELEMENT date_of_birth (#PCDATA)>
]>
```

```
<musics>
    <music>
        <name>Antonio Vivaldi</name>
        <date_of_birth>04/03/1678</date_of_birth>
    </music>
    <music>
        <nickname>old wig</nickname>
        <date_of_birth>21/04/1685</date_of_birth>
    </music>
</musics>
```

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```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE calendar [
    <!ELEMENT calendar (contact*)>
    <!ELEMENT contact (name, land_line*, mobile+)>
    <!ELEMENT name (#PCDATA)>
    <!ELEMENT land_line (#PCDATA)>
    <!ELEMENT mobile (#PCDATA)>
]>
```

```
<calendar>
    <contact>
        <name>City Hall</name>
        <land_line>010</land_line>
        <mobile>654321237</mobile>
```

```

</contact>
<contact>
  <name>Emergency</name>
  <land_line>112 (Europe)</land_line>
  <land_line>911 (USA)</land_line>
  <mobile>Unknown</mobile>
</contact>
</calendar>

```

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```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE solar_system [
  <!ELEMENT solar_system (object*)>
  <!ELEMENT object (planet|satellite|asteroid)>
  <!ELEMENT planet (#PCDATA)>
  <!ELEMENT satellite (#PCDATA)>
  <!ELEMENT asteroid (#PCDATA)>
]>

<solar_system>
  <object>
    <planet>Earth</planet>
  </object>
  <object>
    <satellite>Moon</satellite>
  </object>
  <object>
    <asteroid>Ceres</asteroid>
  </object>
</solar_system>

```