

**Name:**Sangharsh Vasantryao Devtale  
**prn:**121B1B056

**Medicle.xml:**

```
<?xml version="1.0" encoding="UTF-8"?>
<medicle
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="medicle.xsd">
```

```
  <patient>
    <name>John Doe</name>
    <age>35</age>
    <gender>Male</gender>
    <height>175</height>
    <phone>9988774455</phone>
    <date>2024-12-12</date>
    <time>09:00:00</time>
    <numbers>454</numbers>
  </patient>
```

```
  <patient>
    <name>Jane Smith</name>
    <age>-45</age>
    <gender>female</gender>
    <height>decimal_require</height>
    <phone>yy</phone>
    <date>55</date>
    <time>5</time>
    <numbers></numbers>
```

```
</patient>
```

```
</medicle>
```

**Medical.xsd:**

```
<?xml version="1.0" encoding="UTF-8"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema">

  <element name="medicle">
```

```
<complexType>
<sequence>

<element name="patient" maxOccurs="unbounded">
  <complexType>
    <sequence>
      <element name="name" type="string"/>
      <element name="age" type="positiveInteger"/>
      <element name="gender" type="string"/>
      <element name="height" type="decimal"/>
      <element name="phone" type="decimal" minOccurs="1" maxOccurs="unbounded"/>
      <element name="date" type="date" />
      <element name="time" type="time"/>
      <element name="numbers" type="int"/>

    </sequence>
  </complexType>
</element>
</sequence>
</complexType>
</element>
</schema>
```

**Output:**

```
medicle.xml 9+ X  medicle.xsd
medicle.xml > medicle > patient > name
1  <?xml version="1.0" encoding="UTF-8"?>
2  <medicle
3      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4      xsi:noNamespaceSchemaLocation="medicle.xsd">
5
6      <patient>
7          <name>John Doe</name>
8          <age>35</age>
9          <gender>Male</gender>
10         <height>175</height>
11         <phone>9988774455</phone>
12         <date>2024-12-12</date>
13         <time>09:00:00</time>
14         <numbers>454</numbers>
15     </patient>
16
17     <patient>
18         <name>'5'
19         <age>-
20         <gender>
21         <height>
22         <phone>
23         <date>
24         <time>5</time>
25         <numbers></numbers>
26
27     </patient>
28
29 </medicle>
31
```

Content of type 'time' is expected.

The following content is not a valid type:

Code: xml(cvc-datatype-valid.1.2.1)

cvc-type.3.1.3: The value '5' of element 'time' is not valid. xml(cvc-type.3.1.3)

[View Problem \(Alt+F8\)](#) No quick fixes available

```
medicle.xml 9+ X  medicle.xsd
medicle.xml > medicle > patient > name
1  <?xml version="1.0" encoding="UTF-8"?>
2  <medicle
3      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4      xsi:noNamespaceSchemaLocation="medicle.xsd">
5
6      <patient>
7          <name>John Doe</name>
8          <age>35</age>
9          <gender>Male</gender>
10         <height>175</height>
11         <phone>9988774455</phone>
12         <date>2024-12-12</date>
13         <time>09:00:00</time>
14         <numbe
15     </patient>
16
17     <patient>
18         <name>'55'
19         <age>-
20         <gender>
21         <height>
22         <phone>
23         <date>55</date>
24         <time>5</time>
25         <numbers></numbers>
26
27     </patient>
28
29 </medicle>
31
```

Content of type 'date' is expected.

The following content is not a valid type:

Code: xml(cvc-datatype-valid.1.2.1)

cvc-type.3.1.3: The value '55' of element 'date' is not valid. xml(cvc-type.3.1.3)

[View Problem \(Alt+F8\)](#) No quick fixes available

```
medicle.xml 9+ X  medicle.xsd
medicle.xml > medicle > patient > name
1  <?xml version="1.0" encoding="UTF-8"?>
2  <medicle
3      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4      xsi:noNamespaceSchemaLocation="medicle.xsd">
5
6      <patient>
7          <name>John Doe</name>
8          <age>35</age>
9          <gender>Male</gender>
10         <height>175</height>
11         <phone>9988774455</phone>
12         <date>2024-12-12</date>
13         <time>0</time>
14         <number>
15     </patient>
16     The following content is not a valid type:
17     'yy'
18     Code: xml(cvc-datatype-valid.1.2.1)
19     cvc-type.3.1.3: The value 'yy' of element 'phone' is not valid. xml(cvc-type.3.1.3)
20     View Problem (Alt+F8)  No quick fixes available
21     <phone>yy</phone>
22     <date>55</date>
23     <time>5</time>
24     <numbers></numbers>
25
26
27
28 </patient>
29
30 </medicle>
31
```

```
medicle.xml > medicle > patient > name
1  <?xml version="1.0" encoding="UTF-8"?>
2  <medicle
3      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4      xsi:noNamespaceSchemaLocation="medicle.xsd">
5
6      <patient>
7          <name>John Doe</name>
8          <age>35</age>
9          <gender>Male</gender>
10         <height>175</height>
11         <phone>9988774455</phone>
12         <date>2024-12-12</date>
13         <time>09:00:00</time>
14         <number>
15     </patie
16     cvc-minInclusive-valid: Value '-45' is not facet-valid with respect to minInclusive '1' for
17     type 'positiveInteger'. xml(cvc-minInclusive-valid)
18     cvc-type.3.1.3: The value '-45' of element 'age' is not valid. xml(cvc-type.3.1.3)
19     View Problem (Alt+F8)  No quick fixes available
20     <age>-45</age>
21     <gender>female</gender>
22     <height>decimal require</height>
23     <phone>yy</phone>
24     <date>55</date>
25     <time>5</time>
26     <numbers></numbers>
27
28 </patient>
29
30 </medicle>
31
```

```
medicle.xml > medicle > patient > name
1  <?xml version="1.0" encoding="UTF-8"?>
2  <medicle
3    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4    xsi:noNamespaceSchemaLocation="medicle.xsd">
5
6    <patient>
7      <name>John Doe</name>
8      <age>35</age>
9      <gender>Male</gender>
10     <height>175</height>
11     <phone>9 Content of type 'decimal' is expected.
12     <date>20
13     <time>09 The following content is not a valid type:
14     <numbers 'decimal_require'
15   </patient>
16   Code: xml(cvc-datatype-valid.1.2.1)
17   <patient>
18     <name>Ja cvc-type.3.1.3: The value 'decimal_require' of element 'height' is not valid. xml(cvc-
19     <age>.45 type.3.1.3)
20     <gender> View Problem (Alt+F8) No quick fixes available
21     <height>decimal_require</height>
22     <phone>yy</phone>
23     <date>55</date>
24     <time>5</time>
25     <numbers></numbers>
26
27   </patient>
28 </medicle>
29
30
31
```

```
medicle.xml 9+ x medicle.xsd
medicle.xml > medicle > patient > name
1  <?xml version="1.0" encoding="UTF-8"?>
2  <medicle
3    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4    xsi:noNamespaceSchemaLocation="medicle.xsd">
5
6    <patient>
7      <name>John Doe</name>
8      <age>35</age>
9      <gender>Male</gender>
10     <height>175</height>
11     <phone>9988774455</phone>
12     <date>2024-12-12</date>
13     <time>09:00:00</time>
14     <numbers>454</numbers>
15   </patient>
16   Content of type 'integer' is expected.
17   <pa
18   < The following content is not a valid type:
19   < ''
20   <
21   < Code: xml(cvc-datatype-valid.1.2.1)
22   < cvc-type.3.1.3: The value '' of element 'numbers' is not valid. xml(cvc-type.3.1.3)
23   < View Problem (Alt+F8) No quick fixes available
24   < <numbers></numbers>
25
26
27   </patient>
28 </medicle>
29
30
31
```

