

```

1  #!/usr/bin/env python3
2  #-*- coding: utf-8 -*-
3  import abc
4
5  class Model(abc.ABC):
6
7      dimension = list()
8      value = 0.0
9
10     @abc.abstractmethod
11     def set_dimensions():
12         pass
13
14     @abc.abstractmethod
15     def get_dimensions():
16         pass
17
18     @abc.abstractmethod
19     def veracity_value():
20         pass

```

```

1  #!/usr/bin/env python3
2  #-*- coding: utf-8 -*-
3  import abc
4
5  class Dimension(abc.ABC):
6
7      attributes = list()
8      degree = 0.0
9
10     @abc.abstractmethod
11     def set_attributes():
12         pass
13
14     @abc.abstractmethod
15     def get_dimension_name():
16         pass
17
18     @abc.abstractmethod
19     def get_attributes():
20         pass
21
22     @abc.abstractmethod
23     def dimension_degree():
24         pass

```

```

1  #!/usr/bin/env python3
2  #-*- coding: utf-8 -*-
3  import abc
4
5  class Attribute(abc.ABC):
6
7      def get_attribute_name(self):
8          return __class__.__name__
9
10     @abc.abstractmethod
11     def quantification():
12         pass

```

```

1  def main():
2      modl = model()
3      modl.model_name = "XML_ Veracity _Model"
4      d1 = dimension("XML_ 文件宣告")
5      d2 = dimension("XML_ 文件結構")
6
7      modl.set_dimensions(d1)
8      modl.set_dimensions(d2)
9
10     d1.set_attributes(document_version())
11     d1.set_attributes(document_encode())
12     d1.set_attributes(document_standalone())
13
14     d2.set_attributes(document_vaild())
15     d2.set_attributes(document_depth())

```

```

1  <?xml version = "1.0"?>
2  <note>
3      <to>Tove</ to>
4      <from>Jani</ from>
5      <heading>Reminder</ heading>
6      <body>Don't _ forget _ me _ this _ weekend! </body>
7  </note>

```