Keywords & Identifiers

B. Ramar(Ph.D)
Resource Faculty,
AU TVS Centre for Quality Management, Anna University.

Content

1. Python Keywords

2. Python Identifiers

   a) Rules for writing identifiers

   b) Things to care about

Python Keywords

Keywords are the reserved words in Python. We cannot use a keyword as variable name, function name or any other identifier. They are used to define the syntax and structure of the Python language.

```
Here is a list of the Python keywords.  Enter any keyword to get more help.

False           def             if              raise
None            del             import          return
True            elif            in              try
and             else            is              while
as              except          lambda          with
assert          finally         nonlocal        yield
break           for             not
class           from            or
continue        global          pass
```

Hands on – Keywords_1

Python Identifiers

Identifier is the name given to entities like class, functions, variables etc. in Python. It helps differentiating one entity from another.

Rules for writing identifiers

1. Identifiers can be a combination of letters in lowercase (a to z) or uppercase (A to Z) or digits (0 to 9) or an underscore (_). Names like myClass, var_1 and print_this_to_screen, all are valid example.

2. An identifier cannot start with a digit. 1variable is invalid, but variable1 is perfectly fine.

3. Keywords cannot be used as identifiers.

4. We cannot use special symbols like !, @, #, $, % etc. in our identifier.

5. Identifier can be of any length.

Python Identifiers

Identifier is the name given to entities like class, functions, variables etc. in Python. It helps differentiating one entity from another.

Things to care about

Case-sensitive language

Example:
While, c = 10 is valid. Writing count = 10 would make more sense and it would be easier to figure out what it does even when you look at your code after a long gap.

Content

1. Python Keywords

2. Python Identifiers

   a) Rules for writing identifiers

   b) Things to care about