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In [1]: # Q1. Write all the conventions being followed while declaring a variable.

# In Python, there are several conventions that are typically followed when declaring a variable. Here are some of the most

# Variable names should be descriptive and meaningful.
# Variable names should be written in lowercase letters with words separated by underscores (snake_case).
# Variable names should not start with a number.
# Variable names should not use special characters other than underscores.
# Constants should be written in all capital letters with words separated by underscores.
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In [2]: # Q2. What will happen if we declare a restricted keyword as a variable?

# If we try to declare a variable with a keyword as its name, we will get a syntax error.
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In [3]: # Q3. Can we actually declare a string as a variable name?

# Yes, we can declare a string as a variable name in Python.
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In [4]: # Q4. Is it possible for us to declare "_" as a variable? If so, then write an example of it.

# Yes, it is possible to declare _ as a variable in Python.

_ = 'laxmikanta'
print(_)
```

laxmikanta

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In [10]: # Q5. Using an example, explain how the variables in python are dynamic in nature.

# In Python, variables are dynamic in nature. This means that the data type of a variable is determined by the value assigned to it.

# Here is an example of how variables are dynamic in nature:

x = 5

print(x)

type(x)
```

5

Out[10]: int

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In [11]: x = 'laxmikanta'

print(x)

type(x)
```

laxmikanta

Out[11]: str

In []: