



SQL Best Practices



Coding Techniques and Best Practices

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complying with coding style is *crucial*

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complying with coding style is *crucial*

- you will always work in a team

Coding Techniques and Best Practices

clean code

code that is *focused* and *understandable*, which means it must be readable, logical, and changeable

Coding Techniques and Best Practices

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assumption:

at your workplace, you will always type code cleanly -
as simple as possible, perfectly organized, maintaining a steady logical flow

Coding Techniques and Best Practices

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Sales			
purchase_number	date_of_purchase	customer_id	item_code
1	9/3/2016	1	A_1
2	12/2/2016	2	C_1
3	4/15/2017	3	D_1
4	5/24/2017	1	B_2
5	5/25/2017	4	B_2
6	6/6/2017	2	B_1
7	6/10/2017	4	A_2
8	6/10/2017	3	C_1
9	7/20/2017	1	A_1
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customer_purchase_unique_number

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pronounceable, where one word per concept has been picked
- names will constitute more than 80% of your code

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SQL

```
CREATE TABLE sales
(
    purchase_number INT,
    date_of_purchase DATE,
    customer_id VARCHAR(255),
    item_code VARCHAR(255),
    PRIMARY KEY (purchase_number)
);
```

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~~purchase number~~

ERROR

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- readability

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- horizontal and vertical organization of code

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● readability

- horizontal and vertical organization of code
- colour

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use ad-hoc software that re-organizes code and colours different words consistently

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- time is a factor
- unification of coding style is a top-priority

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it is unprofessional to merge code written in the same language but in a different style

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1

use ad-hoc software that re-organizes code and colours different words consistently

2

use the relevant analogical tool provided in Workbench

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use ad-hoc software that re-organizes code and colours different words consistently

2

use the relevant analogical tool provided in Workbench

3

intervene manually and adjust your code as you like

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comments

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`/* ... */` *(for large comments)*

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`/* ... */` *(for large comments)*
`# or --` *(for one-line comments)*