Coding Repository Policies

Version 1.0

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Repository Tool and Server:

- Tool Name: Git
- Tool Version: 1.8.4 or later
- Remote Git Server: https://github.com/hulinghuan/Web-Programming-Languages.git

Repository Commit Strategy:

Each commit should contain clear and helpful commit message.
Each commit message should have:
1) commit version, include:
   a. main version number
   b. function version number
2) specific commit description, include:
   a. commit task type: working on/add/delete/modify file/function
   b. object name
   c. task description: the specific description about what's the goal or purpose of the task and the abstract description about what have been done in this commit.
3) name of the person who did the commit

Repository Branches Strategy:

- **Branch name format:**

  branch type + task name

- **Branch type:**

  the type of each branch should be one of following
  1) master
  2) function
  3) hotfix

- **Task naming strategy:**

  the name of tasks should be the one of the subsystem name.

- **Branch merge strategy:**

master branch can be merged with other branches when and only when the other branch pass the black box test and has been proved it is stable.