$$\text{appVersion}(3) = "1.0.8348"$$

$$F1\left(f(\_1),\ Input\right) := \left|\begin{array}{l}\text{"This function takes Input and passes it to f()"} \\ f(Input)\end{array}\right.$$

$$F2_1(a) := \left|\left\{\begin{array}{ll}2 \cdot a & \text{if} \quad a < 10 \\ error("big\ error") & \text{otherwise}\end{array}\right.\right.$$
function uses a variable in the condition of cases

$$F2_2(a) := \left|\left\{\begin{array}{ll}2 \cdot a & \text{if} \quad a < 10 \\ a & \text{otherwise}\end{array}\right.\right.$$
function uses a variable in the condition of cases. No Error statement.

$$F2_3(a) := \left|\left\{\begin{array}{ll}2 \cdot a & \text{if} \quad 1 \\ error("big\ error") & \text{otherwise}\end{array}\right.\right.$$
function hard codes the condition of cases. with Error statement.

$$F1\left(F2_1(\_1),\ 5\right) = \blacksquare$$
$$\mathbf{lastError} = "big\ error"$$
$$F2_1(5) = 10$$

$$F1\left(F2_2(\_1),\ 5\right) = 10$$
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$$F2_1(a) := \left|\begin{array}{l}\text{if}\ \ a < 10 \\ \quad 2 \cdot a \\ \text{else} \\ \quad error("big\ error")\end{array}\right.$$
function uses a variable in the condition of if statement

$$F2_2(a) := \left|\begin{array}{l}\text{if}\ \ a < 10 \\ \quad 2 \cdot a \\ \text{else} \\ \quad a\end{array}\right.$$
function uses a variable in the condition of if statement. No Error statement.

$$F2_3(a) := \left|\begin{array}{l}\text{if}\ \ 1 \\ \quad 2 \cdot a \\ \text{else} \\ \quad error("big\ error")\end{array}\right.$$
function hard codes the condition of if statement with Error statement.

$$F1\left(F2_1(\_1),\ 5\right) = \blacksquare$$
$$\mathbf{lastError} = "\_1 - not\ defined."$$
$$F2_1(5) = 10$$

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