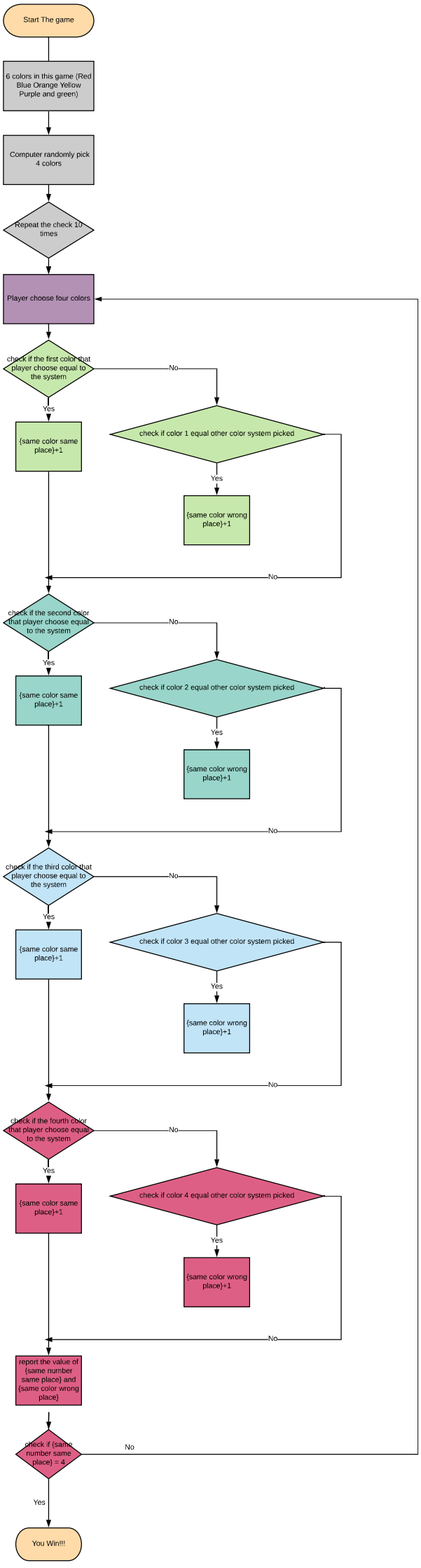
Start The game
6 colors in this game (Red Blue Orange Yellow Purple and green)
Computer randomly pick 4 colors
Repeat the check 10 times
Player choose four colors
check if the first color that player choose equal to the system
No
Yes
{same color same place}+1
check if color 1 equal other color system picked
Yes
{same color wrong place}+1
No
check if the second color that player choose equal to the system
No
Yes
{same color same place}+1
check if color 2 equal other color system picked
Yes
{same color wrong place}+1
No
check if the third color that player choose equal to the system
No
Yes
{same color same place}+1
check if color 3 equal other color system picked
Yes
{same color wrong place}+1
No
check if the fourth color that player choose equal to the system
No
Yes
{same color same place}+1
check if color 4 equal other color system picked
Yes
{same color wrong place}+1
No
report the value of {same number same place} and {same color wrong place}
check if {same number same place} = 4
No
Yes
You Win!!!