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| Error Number | Description |
|  | ***Error:***    ***At line:***  Class BankAccount  **Dim b As New BankAccount**  Dim r As New BankAccount  Dim balanceAsDouble As Double  Dim amountAsString As String . . . .  . . .  ***When the debugger hit this line:***  Sub Main()  **Dim r As New BankAccount**  Dim toy As Integer = 0  ***Explanation:***  The program must be confused over the declarations – it seems it goes into an infinite loop if different variables belonging to Class BankAccount are declared in Sub Main() and in the class itself.  ***Solution:***  Erase the objects b and r and instead declare them above the class as public values of BankAccount. This way, the program can avoid confusion if it was confused from the multiple declarations of the values in Sub Main() and BankAccount. |
|  | ***Logic Error occurred….***  ***After the debugger came out of this function:***  Function noneChosen() As String  Console.WriteLine("Ok, program will terminate...")  **Return ""**  End Function  Try  While flag = 0  ' Print instructions  Console.WriteLine("To access operations for your bank account, press ENTER")  Console.ReadLine()  r.choose(choice)  If r.noneChosen() Then  'System.Diagnostics.Process.GetProcessesByName(r.noneChosen())  End  End If  End While  ***Explanation 1:***  The function doesn’t really terminate the program. After the debugger comes out from this function, it goes back into the While loop in Sub Main() which will always execute because the flag is always zero.  ***Solution 1:***  I tried to rewrite it as the following, but got another error:  If r.choose(choice) = r.noneChosen() Then  'System.Diagnostics.Process.GetProcessesByName(r.noneChosen())  End  End If  End While    ***Explanation 2:***  This was because the debugger can’t read output from String noneChosen() and equal it to the Double typed choose() function.  ***Solution 2:***  Using a “flag = 0” is not a method logical and meaningful to the program. Instead, use a Do While Loop to achieve this same goal in a more elegant manner:  Do  ' Print instructions  Console.WriteLine()  Console.WriteLine("To access operations for your bank account, press ENTER")  Console.ReadLine()  Loop While r.choose(choice) |