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Module Module1
    Dim Choco() As String = {" ", "Mars", "Twix", "Milkybar", "Freddo"}
    Dim Price() As Integer = {0, 50, 45, 20, 10}
    Sub Main()
        Dim Choice, Cost, Money, Change As Integer
        Dim Paid As Boolean = False
        DisplayMenu(Choice)
        Cost = Price(Choice)
        Do
            Console.WriteLine(Cost & "p to pay")
            Console.WriteLine("Enter money in pence (as Integer): ")
            Money = Console.ReadLine
            If Money >= Cost Then
                Paid = True
                Change = CalculateDifference(Money, Cost)
                Console.WriteLine("Here is your " & Choco(Choice) & " and " & Change &
                "p change")
                Console.ReadLine()
            Else
                Cost = CalculateDifference(Cost, Money)
            End If
        Loop Until Paid
    End Sub
    Sub DisplayMenu(ByRef Choice As Integer)
        Do
            Console.Clear()
            Console.WriteLine("1. Mars (50p)")
            Console.WriteLine("2. Twix (45p)")
            Console.WriteLine("3. Milkybar (20p)")
            Console.WriteLine("4. Freddo (10p)")
            Console.Write("Enter Choice: ")
            Choice = Console.ReadLine
        Loop Until Choice > 0 And Choice < 5
    End Sub
    Function CalculateDifference(Value1, Value2) As Integer
        CalculateDifference = Value1 - Value2
    End Function
End Module

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