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1 Module MainModule
2     'BMI Function
3     Public Function BMICalculations(ByVal dblWeight As Double, ByVal dblHeight As Double)
4
5         Dim dblResult As Double
6
7         'Body Mass Index Calculations
8         dblResult = CDec(dblWeight * 703 / (dblHeight * dblHeight))
9         dblResult = Math.Round(dblResult, 2, MidpointRounding.AwayFromZero)
10
11     Return dblResult
12 End Function
13
14
15
16 'Male BFP Function
17 Public Function MaleBFPCalc(ByVal dblWaist As Double, ByVal dblNeck As Double,
18     ByVal dblHeight As Double)
19     Dim dblResult As Double
20
21     dblResult = 495 / (1.0324 - 0.19077 * Math.Log10(dblWaist - dblNeck) +
22         0.15456 * Math.Log10(dblHeight)) - 450
23     dblResult = Math.Round(dblResult, 2, MidpointRounding.AwayFromZero)
24     Return dblResult
25 End Function
26
27
28 'Female BFP Function
29 Public Function FemaleBFPCalc(ByVal dblWaist As Double, ByVal dblHip As
30     Double, ByVal dblNeck As Double, ByVal dblHeight As Double)
31     Dim dblResult As Double
32
33     dblResult = 495 / (1.29579 - 0.35004 * Math.Log10(dblWaist + dblHip -
34         dblNeck) + 0.221 * Math.Log10(dblHeight)) - 450
35     dblResult = Math.Round(dblResult, 2, MidpointRounding.AwayFromZero)
36     Return dblResult
37 End Function
38
39
40 End Module
41
```