Computer Programming 1  
4.01 Variables and Data Types  
Declaring Variables & Constants Exercise

Write the code that would correctly declare the following variables/constants. Tell why you chose your data type.

1. The year as a whole number
2. The year as a whole number constant
3. The gpa of a student
4. The cost of an ice cream cone
5. The last name of a person
6. The middle initial
7. The cost of a house
8. Whether or not it is raining
9. The number of grains of sand on a beach
10. The amount for PI

Answers

1. Dim intYear As Integer = 0
2. Dim intYear is Constant
3. Dim decGPA As Decimal = 0
4. Dim decCone As Decimal = 0
5. Dim strLast As String = “”
6. Dim chrMiddle As Char = “”
7. Dim dblHouse As Double = 0
8. Dim blnRaining As Boolean = “”
9. Dim dblSand As Double = 0
10. Dim dblPi As Double = 0