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# Identifier Table:

|  |  |
| --- | --- |
| Variable | Description |
| MaxColumn | Stores the maximum number of columns in the table |
| MaxRow | Stores the maximum number of rows in the table |
| Table( , ) | A 2D array that stores the values |
| Row | Counter for rows in the first For loop |
| Column | Counter for name columns in the second For loop |
| Column2 | Counter for grade columns in the third For loop |
| count | Counter for first output For loop |
| count1 | Counter for second output For loop |

# Code:

Dim MaxColumn As Integer

Dim MaxRow As Integer

Dim Table(10, 2) As String

MaxRow = 10

MaxColumn = 2

For Row = 1 To MaxRow

For Column = 1 To 1

Console.Write("Enter name: ")

Table(Row, Column) = Console.ReadLine()

For Column2 = 2 To 2

Console.Write("Enter grade: ")

Table(Row, Column2) = Console.ReadLine()

Next

Next

Next

For count = 1 To MaxRow

For count1 = 1 To MaxColumn

Console.Write(Table(count, count1) & " ")

Next

Console.WriteLine()

Next

# Pseudocode:

MaxRow ← 10

MaxColumn ← 2

For Row = 1 To MaxRow

For Column = 1 To 1

Input “Enter name: ” Table(Row, Column)

For Column2 = 2 To 2

Input “Enter name: ” Table(Row, Column2)

End For

End For

End For

For count = 1 To MaxRow

For count1 = 1 To MaxColumn

Output (Table(count, count1) & " ")

End For

Output (“”)

End For