

Please enter the student name: Jones
Please enter the student major: Chemistry

Please enter the student name: Smith
Please enter the student major: Biology

Please enter the student name: Brown
Please enter the student major: Chemistry

Please enter the student name: White
Please enter the student major: Astronomy

Please enter the student name: Edwards
Please enter the student major: Astronomy

Please enter the student name: Davis
Please enter the student major: Chemistry

Please enter the student name: Clark
Please enter the student major: Biology

Please enter the student name: Helmer
Please enter the student major: Astronomy

Please enter the student name: Marshall
Please enter the student major: Biology

Please enter the student name: Cooper
Please enter the student major: Biology

Please enter the student name: Hart
Please enter the student major: Biology

Please enter the student name: Young
Please enter the student major: Chemistry

Student Name	Student Major	Current Fee
Jones	Chemistry	\$300.00
Smith	Biology	\$186.00
Brown	Chemistry	\$300.00
White	Astronomy	\$276.00
Edwards	Astronomy	\$276.00
Davis	Chemistry	\$300.00
Clark	Biology	\$186.00
Helmer	Astronomy	\$276.00
Marshall	Biology	\$186.00
Cooper	Biology	\$186.00
Hart	Biology	\$186.00
Young	Chemistry	\$300.00

Total Chemistry Students: 4
Total Chemistry Fees: \$1,200.00

Total Biology Students: 5
Total Biology Fees: \$930.00

Total Astronomy Students: 3
Total Astronomy Fees: \$828.00

Module Module1

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Sub Main()
    'Programmer: Gabby Clemente
    'Date: 11/13/2018
    'Purpose: Using Array Input, create the table using the following fee schedule

    Dim i As Integer
    Dim student_name(11), student_major(11) As String
    Dim current_fee(11) As Integer
    Dim astrono_fee, chem_fee, bio_fee As Double
    Dim chem_students, chem_fees, bio_students, bio_fees, astronomy_students,
astronomy_fees As Double

    astrono_fee = 275.5
    chem_fee = 300
    bio_fee = 185.5

    For i = 0 To 11
        Console.WriteLine("Please enter the student name: ")
        student_name(i) = Console.ReadLine()
        Console.WriteLine("Please enter the student major: ")
        student_major(i) = Console.ReadLine()
        Console.WriteLine("")

        If student_major(i) = "Chemistry" Then
            current_fee(i) = chem_fee
        End If

        If student_major(i) = "Biology" Then
            current_fee(i) = bio_fee
        End If

        If student_major(i) = "Astronomy" Then
            current_fee(i) = astrono_fee
        End If

        If student_major(i) = "Chemistry" Then
            chem_students = chem_students + 1
        End If

        If student_major(i) = "Biology" Then
            bio_students = bio_students + 1
        End If

        If student_major(i) = "Astronomy" Then
            astronomy_students = astronomy_students + 1
        End If

        If student_major(i) = "Chemistry" Then
            chem_fees = chem_fees + current_fee(i)
        End If

        If student_major(i) = "Biology" Then
            bio_fees = bio_fees + current_fee(i)
        End If

        If student_major(i) = "Astronomy" Then
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        astronomy_fees = astronomy_fees + current_fee(i)
    End If
Next i

    Console.WriteLine("Student" & ControlChars.Tab & ControlChars.Tab &
ControlChars.Tab & ControlChars.Tab & "Student" & ControlChars.Tab & ControlChars.Tab &
"Current")
    Console.WriteLine("Name" & ControlChars.Tab & ControlChars.Tab & ControlChars.Tab
& ControlChars.Tab & "Major" & ControlChars.Tab & ControlChars.Tab & "Fee")
    Console.WriteLine("-----")
    -----")

    For i = 0 To 11
        Console.WriteLine(student_name(i).PadRight(8, "") & ControlChars.Tab &
ControlChars.Tab & ControlChars.Tab & student_major(i).PadRight(9, "") & ControlChars.Tab
& FormatCurrency(current_fee(i)))
    Next i
    Console.WriteLine("-----")
    -----")

    Console.WriteLine("Total Chemistry Students: " & chem_students)
    Console.WriteLine("Total Chemistry Fees: " & FormatCurrency(chem_fees))
    Console.WriteLine("")
    Console.WriteLine("Total Biology Students: " & bio_students)
    Console.WriteLine("Total Biology Fees: " & FormatCurrency(bio_fees))
    Console.WriteLine("")
    Console.WriteLine("Total Astronomy Students: " & astronomy_students)
    Console.WriteLine("Total Astronomy Fees: " & FormatCurrency(astronomy_fees))
    Console.WriteLine("")

End Sub

End Module

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