Visual Basic – A Riddle App

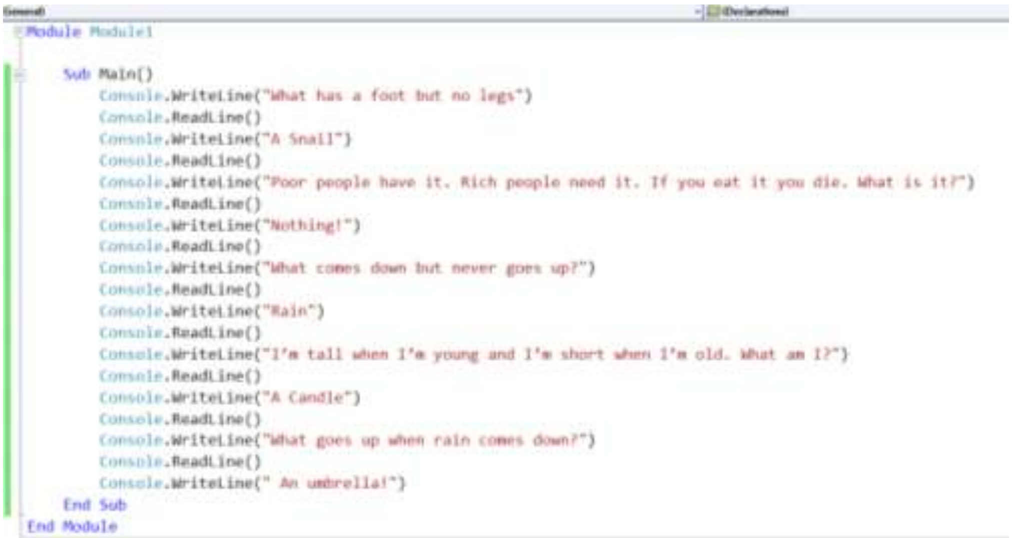
Let’s start a basic console application in visual studio.

We are going to create a riddle application. The idea is that the app to give us a question allow user input and give the answer. I will add about 5 or 6 questions and answers and then you can add your own once you understand the structure.

This tutorial we will cover the sequential or **procedural programming**. What is that you might ask?

Procedural programming in the most basic terms in the line by line programming. Any software while coding is read line by line usually from the top down. There are a few exceptions sometimes but it all boils down to top down reading.

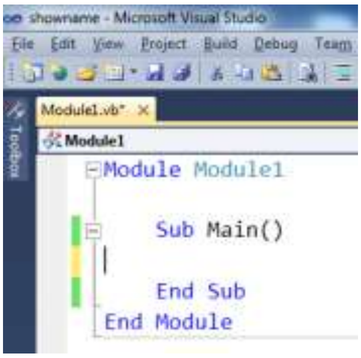
We are going to create a app that lets you see that top down procedural programming method first hands.



```
Module Module1

    Sub Main()
        Console.WriteLine("What has a foot but no legs")
        Console.ReadLine()
        Console.WriteLine("A Snail")
        Console.ReadLine()
        Console.WriteLine("Poor people have it. Rich people need it. If you eat it you die. What is it?")
        Console.ReadLine()
        Console.WriteLine("Nothing!")
        Console.ReadLine()
        Console.WriteLine("What comes down but never goes up?")
        Console.ReadLine()
        Console.WriteLine("Rain")
        Console.ReadLine()
        Console.WriteLine("I'm tall when I'm young and I'm short when I'm old. What am I?")
        Console.ReadLine()
        Console.WriteLine("A Candle")
        Console.ReadLine()
        Console.WriteLine("What goes up when rain comes down?")
        Console.ReadLine()
        Console.WriteLine(" An umbrella!")
    End Sub
End Module
```

This is what the app looks like right now. See the table below for further explanations of each line. Remember when you start a new console application you are given the 4 golden line of code which is:



```
Module Module1

    Sub Main()

    End Sub
End Module
```

Everything you do from here goes inside the main function.

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Code`	Explanation
Console.WriteLine("What has a foot but no legs")	Writing the first line of question on the screen. Notice the double quotations around the word.
Console.ReadLine()	Giving the user a change to enter the answer. Although its not being checked its still interacting with the user.
Console.WriteLine("A Snail")	Showing the answer to the screen.
Console.ReadLine()	We are allowing the user to press enter here to see the next question.
Console.WriteLine("Poor people have it. Rich people need it. If you eat it you die. What is it?")	Second question is presented again inside of quotations.
Console.ReadLine()	Allowing the user to enter an answer
Console.WriteLine("Nothing!")	Show the answer
Console.ReadLine()	Allowing the user to move on to the next question
Console.WriteLine("What comes down but never goes up?")	Third question
Console.ReadLine()	Allowing the user to enter an answer
Console.WriteLine("Rain")	Show the answer
Console.ReadLine()	Allowing the user to move on to the next question
Console.WriteLine("I’m tall when I’m young and I’m short when I’m old. What am I?")	Fourth question
Console.ReadLine()	Allowing the user to enter an answer
Console.WriteLine("A Candle")	Show the answer
Console.ReadLine()	Allowing the user to move on to the next question
Console.WriteLine("What goes up when rain comes down?")	Fifth question
Console.ReadLine()	Allowing the user to enter an answer
Console.WriteLine(" An umbrella!")	Show the answer

I’m sure you realised how easy this is. Now make your own. Try adding some greeting or get the user to enter their name or so on.

Have Fun.