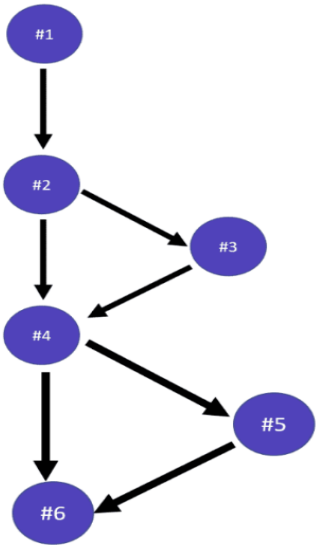
```
public static string IntroducePerson(string name, int age)
{
    var response = $"Hi! My name is {name} and I'm {age} years old.";

    if (age >= 18)
        response += " I'm an adult.";

    if (name.Length > 7)
        response += " I have a long name.";

    return response;
}
```

We can depict the above function with the following possible paths:

1. Declaring variable
2. If statement
3. Concatenating the string
4. Second if statement
5. Concatenating the string
6. Returning the value

The diagram of above paths would look like this:



We have 6 nodes (**N**), connections between them represent 7 edges (**E**), whereas the return statement represents 1 connected component (**P**).

The final cyclomatic complexity is calculated as follows:

$$\boldsymbol{M = E - N + 2P = 7 - 6 + (2 * 1) = 3}$$

References:

Schults, C. (2021). Cyclomatic Complexity Defined Clearly, With Examples. LinearB. Available from: https://linearb.io/blog/cyclomatic-complexity/. [Accessed 26 March 2023].