

# Quiz

A quiz to test your understanding of functions in C#

1

A method needs method definition to perform a specific task.

2

If a method returns no value, the return type must be declared as void.

3

A local variable declared in a method is usable outside that method.

4

What is the error in the following method definition:

```
public static void mymethod(int x,int y){  
    Console.WriteLine(x*y);  
    return(x*y);  
}
```

5

Find the error in the following method definition:

```
public static int mymethod(int x,y){  
    return(x*y);  
}
```

6

What is the value of **answer** in the following recursive method?

```
public static int fun(int n)
{
    if (n == 4){
        return n;
    }else{
        return 2*fun(n+1);
    }
}

static void Main(){
    int answer = fun(2);
}    // As you might have noticed the classes are not defined so consider it a pseudocode to answer the question.
```

[Check Answers](#)