Quiz

A quiz to test your understanding of functions in C++

| 1 | ! | A function needs function definition to perform a specific task. |

| 2 | ! | If a function returns no value, the return type must be declared as void. |

| 3 | ! | A local variable declared in a function is usable out side that function. |

4 What is the error in the following function definition:

```
void myfunction(int x,int y){
   cout<<x*y;
   return(x*y);
}
```
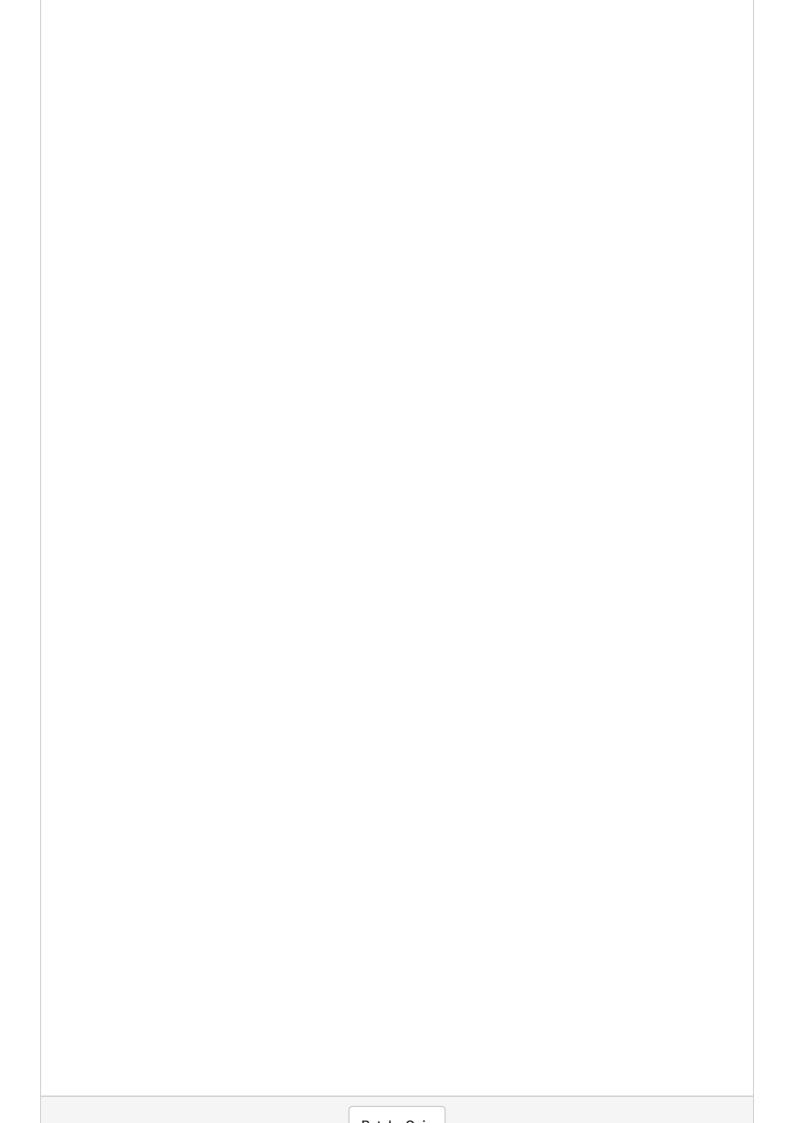
5 Find the error in the following function definition:

```
int myfunction(int x,y){
    return(x*y);
}
```

What is the value of `answer` in the following recursive function?

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

int main(){
int answer = fun(2);
}
```