

```
/*  
bug_4
```

This program is supposed to accept a command line argument, an exponent, and then print out a power of 10. There are a few problems with this code.

- 1) The first problem occurs when the user fails to put in a command line argument. Test it out. Then find and fix the bug.
- 2) The second problem has to do with integer overflow. Do you know why? How can you fix it?

```
*/
```

```
#include <stdio.h>  
#include <cs50.h>  
#include <math.h>  
  
int main(int argc, char* argv[])  
{  
    int power = atoi(argv[1]);  
  
    if(argc != 2)  
    {  
        printf("Usage: ./bug_4 <power>");  
    }  
  
    long long ten = pow(10,power);  
  
    printf("%lld\n", ten);  
}
```