

```
/*
bug_3

This program is supposed to print out the
value of 2^32 but instead prints out 0 with
a runtime error. Find, describe, and fix the bug.
```

```
*/
```

```
#include <stdio.h>
#include <cs50.h>
#include <math.h>
```

```
int main(void)
{
    // stores 2^32 in num
    int unsigned num = pow(2, 32);

    printf("%d\n", num);
}
```