

```
// log2x

#include <stdio.h>

int main()
{
    int x;
    int ret = 0;

    scanf("%d", &x);
    int t = x;
    while ( x > 1 ) {
        x /= 2;
        ret ++;
    }
    printf("log2 of %d is %d.", t, ret);

    return 0;
}
```