

Lösung zur Zusatzaufgabe, Übung 13

(a)

```
#include <stdio.h>

int main() {
    int x1, x2;
    scanf("%i", &x1);
    scanf("%i", &x2);
    while (x1 > 0) {
        x1 = x1 - 1;
        x2 = x2 * 2;
    }
    printf("%d", x2);
    return 0;
}
```

(b)

```
<A> = scanf("%i", &x1); x2 = 2*x1; flag=1; function=1;
<B> = x1 < x2
<C> = x1 = x2 - x1; x2 = x2 / 2;
<D> = x2 = x1
<E> = result = x1+x2; flag = 0;
```