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//aufgabe2.h
//Übung 3 Aufgabe 2 GIP a und b
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```

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#include <stdio.h>

#define begin {
#define end }
#define then
#define do

int main(void)
begin
    int x, y, z;
    scanf("%d", &x);
    scanf("%d", &y);
    z = 0;
    while (x > 0) do
        begin
            if (x % 2 != 0) then
                begin
                    z = z + y;
                end
            x = x / 2;
            y = y * 2;
        end
    printf("%d\n", z);
    return 0;
end
```