#include <iostream>

#include <cmath>

int main() {

for (int i = 1; i <= 100; i += 1) {

double val = 4.0 + 20.0 \* log(0.85 + 32.0 \* double(i) / 1000.0);

printf("%3d -> %lf \n", i, round(val));

}

return 0;

}