

```
#include <stdio.h>
#include <math.h>
int main(){
    int p, r, t1, t2, n;
    scanf("P = %d\nR = %d\nT1 = %d\nT2 = %d\nN = %d", &p, &r, &t1, &t2, &n);
    double si = (double)p*r*t1/100.0;
    // Amount after T1 years of SI
    double inter = p + si;
    double ci = inter*(pow(1+(double)r/((double)n*100.0), n*t2) - 1);
    printf("%.3lf\n%.3lf\n", si, ci);
    si = (double)p*r*(t1+t2)/100.0;
    ci = (double)p*(pow(1+(double)r/((double)n*100.0), n*(t1+t2)) - 1);
    printf("%.3lf\n%.3lf\n", si, ci);
    return 0;
}
```