```c
#include<stdio.h>

int main(){
    int M, A, W, E;
    // E effective marks
    // Effective marks with zero attendance is always M
    scanf("%d%d%d", &M, &A, &W);

    if(M >= 50) // If enough marks, attendance does not count
        E = M;
    else{ // Put brackets as multiple statements in else part
        E = (int)(M + W/100.0*A);
        if(E > 100) E = 100; // Effective marks cant exceed 100
    }

    printf("%d\n",E);

    switch(E/10){
        case 0:
        case 1:
        case 2:
        case 3:
        case 4: printf("D\n"); break;
        case 5:
        case 6: printf("C\n"); break;
        case 7:
        case 8: printf("B\n"); break;
        case 9:
        case 10: printf("A\n"); break;
    }

    switch(M/10){
        case 0:
        case 1:
        case 2:
        case 3:
        case 4: printf("D"); break;
        case 5:
        case 6: printf("C"); break;
        case 7:
        case 8: printf("B"); break;
        case 9:
        case 10: printf("A"); break;
    }

    return 0;
}
```