```c
#include <stdio.h>

void swap (int *x, int*y)
{
    int tmp = *x;
    *x = *y,
    *y = tmp;
}

// The EDD rule ( earliest due date rule ) orders
// the tasks in non - decreasing order of their due dates
void edd (int *tasks , int *p, int *d, size_t size )
{
    // selection sort
    for ( size_t pos = 0; pos < size ; ++ pos)
    {
        size_t argmin = pos;
        for (size_t j = pos +1; j < size ; ++j)
        {
            if (d[j] < d[argmin])
                argmin = j;
        }
        if ( argmin != pos)
        {
            // tasks p and d must be rearranged simultaneously
            swap ( tasks + pos , tasks + argmin );
            swap ( p + pos , p + argmin );
            swap ( d + pos , d + argmin );
        }
    }
}

int main ()
{
    int tasks [5] = { 1, 2, 3, 4, 5 };
    int p[5] = { 32, 13, 26, 7, 29 };
    int d[5] = { 83, 37, 29, 70, 69 };

    // tri a bulle
    edd(tasks , p, d, 5);

    for (int si = 0, k = 0; k < 5; ++k)
    {
        const int ei = si + p[k];
        const int Li = ei - d[k];
        printf (" Task □%d:□ start =%4d,□ end =%4d,□ lateness =%4d\n", tasks [k], si ,
         ei , Li );
        si = ei;
    }

    return 0;
}
```