Array = 3, 1, 2, 6, 2

Sort(0, 5);

Low = 0;

High = 5;

mid = 2;

sort(0, 2); sort(3, 5);

low = 0; low = 3;

high = 2; high = 5;

mid = 1; mid = 4;

sort(0, 1); sort(5, 5);

low = 0; terminates;

high = 1;

mid = 0;

sort(0, 0);

terminates;

merge(0, 0, 1);

l1 = 0;

l2 = 1;

I = 0

B = {1},

I = 1;

L1 = 0;

L2 = 2;

B = {1, 3}

A = {1, 3, 2, 6, 2};

Merge(0,1,2);

L1 = 0;

L2 = 2;

I = 0;

B = {1, 3}

L1 = 1;

I = 1;

B = {1, 2}

L2 = 3;

A = {1,2};