

**A. The value of CNT.**

The offset of `last` in structure `b_struct` is 288. And we can infer from the assembly code below that the whole structure is 40-byte aligned. So the value of CNT is 7.

**B. A complete declaration of structure `a_struct`. Assume that the only fields in this structure are `idx` and `x`, and that both of these contain signed values.**

```
typedef struct {  
    long idx;  
    long x[4];  
} a_struct;
```