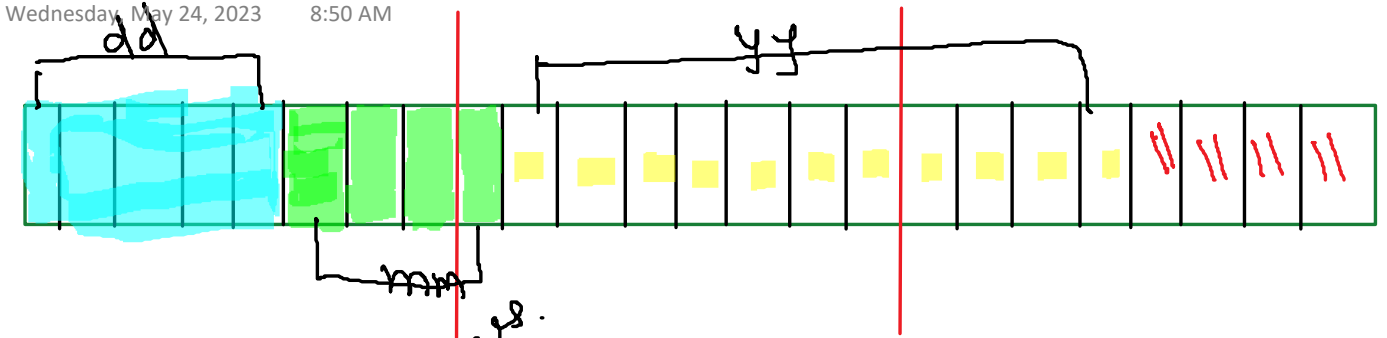
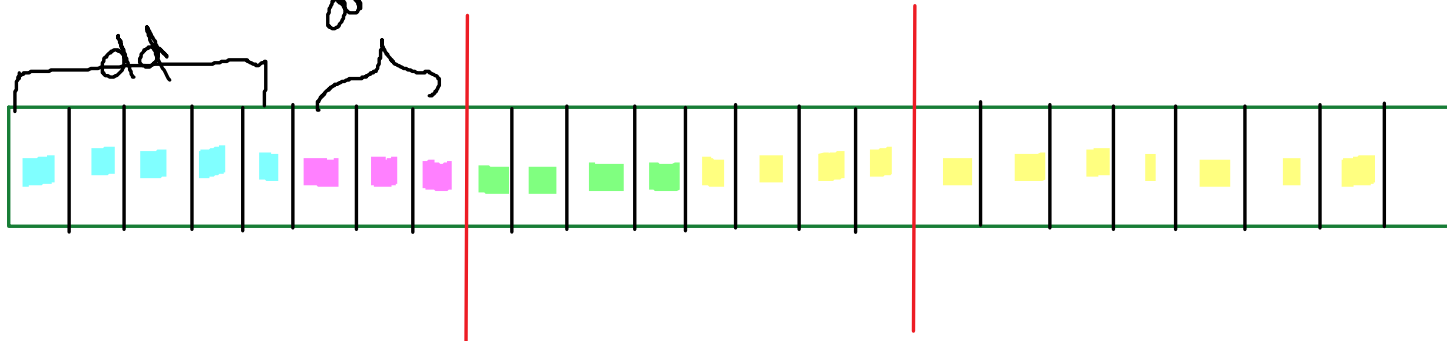


Bitfield  
Union  
File I/O



anonymes.



typedef struct

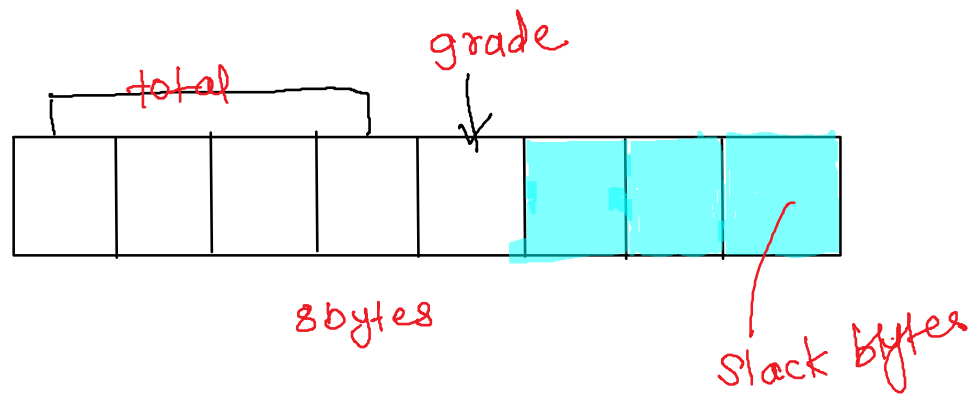
```
{
    int rollno;
    char sname[20];
    int std;
    struct
    {
        int total;
        char grade;
    }result;
}STUDENT;
```

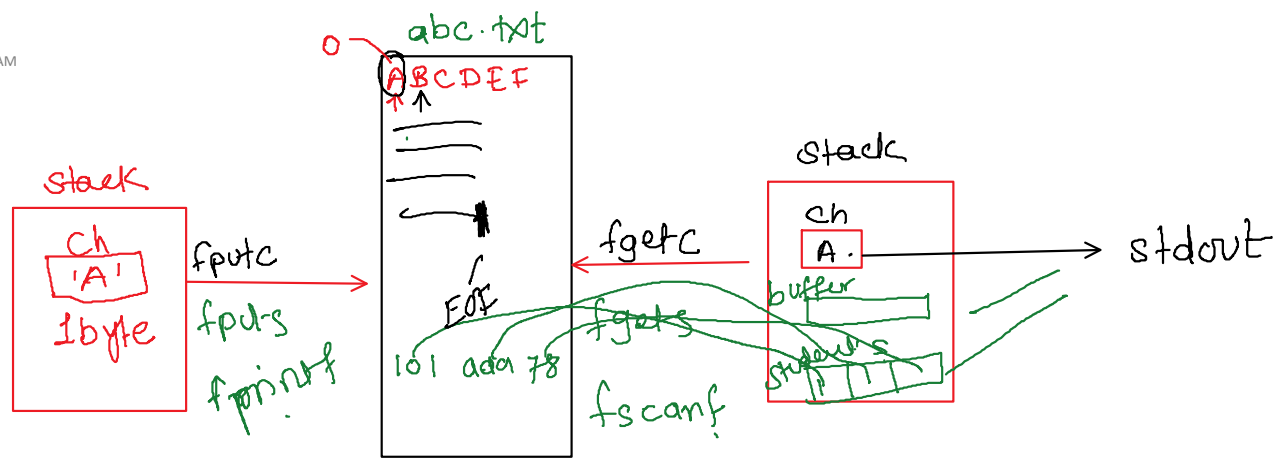
rollno	sname	std	total	grade
101	aaa	6	689	X
102	bbb	4	X	'A'

typedef struct

```
{
    int rollno;
    char sname[20];
    int std;
    union
    {
        int total;
        char grade;
    }result;
}STUDENT;
```

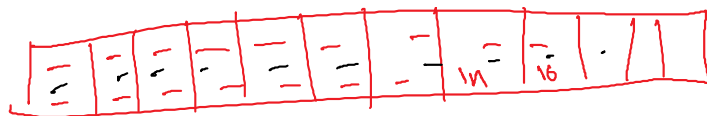
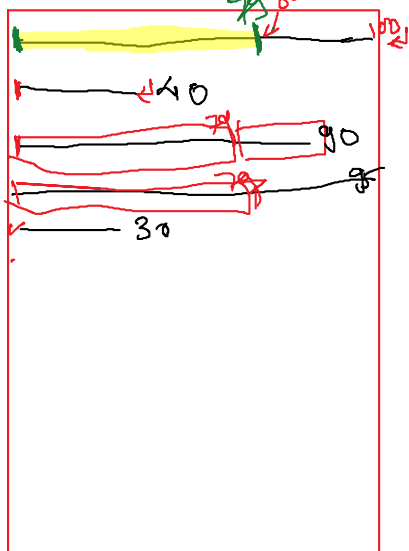
rollno	sname	std	total	grade
101	aaa	6	✓✓✓✓	X
102	bbb	4	X	✓





101 ↙ a a a ↙ 78 ↙  
102    b b b        66

fgets terminates on  
 $n-1$  ↗  
 ↘ newline



80 bytes

```
while(fgets(buffer, sizeof(buffer), fileptr) != NULL)
{
    printf("%s", buffer);
}
```

