```
Interruptin button (PTDn);
Dipital Out led (PTDn);
Dipital Out flash (PTD r);
Void flip () {

led = !led;

int main () {

button.rise (&flip);

While (1) {

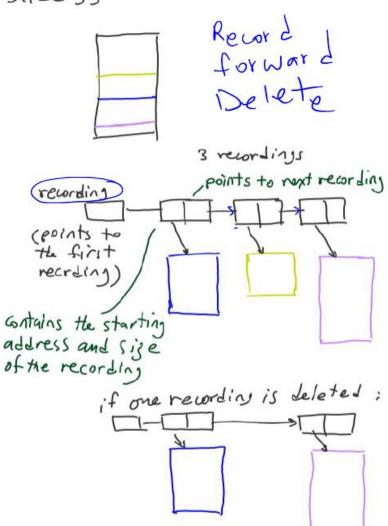
flash = !flash;

while (1) {
```

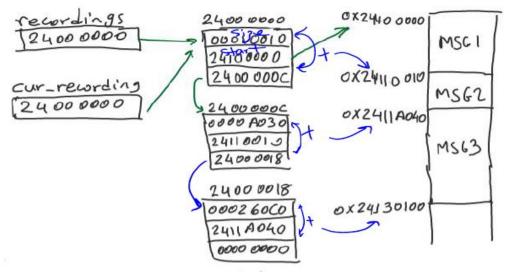
```
void GetDateTime(DateTimeType * DT){
       DT->day = TimerVal.day;
       DT->hour = TimerVal.hour;
       DT->minute = TimerVal.minute;
       DT->second = TimerVal.second;
}
void DateTimeISR(void){
                                         23:59
       TimerVal.second++;
       if (TimerVal.second > 59){
              TimerVal.second = 0;
       TimerVal.minute++;
       if (TimerVal.minute > 59) {
              TimerVal.minute = 0;
       TimerVal.hour++;
       if (TimerVal.hour > 23) {
              TimerVal.hour = 0;
       TimerVal.day++;
        ... etc.
```

}

Example C program: Voice Recorder ref: Embedded systems C review "
Slide 35



SRAM IS from 0XZ0000000 to 0X3FFFFFFF



c program in slides 36 - 40 review Slides 41, 43, 44