

```
void at_checkers_update(const r2u2_input_data_t *r2u2_input_data) {  
  
    DEBUG(fprintf(stderr, "%s[%d]: %s\n", __FILE__, __LINE__, "at_checkers_update"));  
    int i = 0;  
    for (i = 0; i < N_ATOMICS; i++)  
    {  
        if(i == 0)  
            atomics_vector[i] = AT_COMP((r2u2_input_data[0]), <, 1000);  
        else if(i == 1)  
            atomics_vector[i] = AT_COMP((r2u2_input_data[0]), >, 950);  
        else if(i == 2)  
            atomics_vector[i] = AT_COMP((r2u2_input_data[1]), <, 10.0);  
        else  
            atomics_vector[i] = AT_COMP((r2u2_input_data[1]), >, 9.50);  
    }  
}
```