## **SUN RISE ALARM (Misra-2012)**

After checking our application using cppchecker tool and modifying the code to achieve the MISRA 2012 rules, we can say that our application has only seven MISRA 2012 violations as you can see from the screenshot.

**Cppchecker tool screenshot:** 

```
## SP ** | Name | Name
```

Rule- number	Number of violations	Rule-Description	Our-violations	Classification
R.2.7	5 times	There should be no unused parameters in functions	Because of using the ISR(INT-vect){}	Advisory not mandatory
		The ', " or \ characters and the	Because of using	Required but not
R.20.2	2 times	/* or // character sequences shall not	#include <avr\interrupt.h></avr\interrupt.h>	mandatory
		occur in a header file name	#include <avr\io.h></avr\io.h>	mandatory