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| -private int hours | This is the hours for the time of the day |
| -private int minutes | This is the minutes for the time of day |
| -private int seconds | This is the seconds for the time of day |
| -private int hoursAlarm | This is the hours for when the alarm goes off |
| -privateint minutesAlarm | This is the minutes for when the alarm goes off |
| -privateint secondsAlarm | This is the seconds for when the alarm goes off |
| -private Boolean onSwitch | If true the alarm is set to go off otherwise the alarm is not set |
| +AlarmClock(int,int,int,Boolean) | Construct a new AlarmClock with Values |
| +AlarmClock(int,int,int) | Construct a new AlarmClock with Values that will be off |
| +gethours(): int | Returns the current hour |
| +sethours(int) | Set the current time of day hours |
| +getMinutes(): int | Returns the current minute |
| +setMinutes(int) | Set the current time of day minutes |
| +getSeconds: int | Returns the current seconds |
| +setSeconds(int) | Set the current time of day seconds |
| +gethoursAlarm(): int | Returns the alarm hour |
| +sethoursAlarm(int) | Set the alarm hour |
| +getMinutesAlarm(): int | Returns the alarm minutes |
| +setMinutesAlarm(int) | Set the alarm minutes |
| +getSecondsAlarm(): int | Returns the alarm seconds |
| +setSecondsAlarm(int) | Set the alarm seconds |
| +getonSwitch(): boolean | Return true if the alarm is set, otherwise false |
| +setonOffSwitch(boolean) | Turn the alarm on or off |