

# PROYECTO Alarm Clock

Extraído de *Pico Bricks IDE Book* CC-BY-SA <https://picobricks.com/pages/idebook> ver [créditos](#)

The screenshot displays the PicoBricks IDE interface. The top bar includes a 'File' menu, a 'PicoProject' label, and buttons for 'Run', 'Stop', 'Refresh', 'Bluetooth', 'Doc', and 'Py'. A 'Block' toggle is set to 'On', and a 'Simulator' icon is visible on the right.

The main workspace shows a Python script for an alarm clock. The script starts with a 'PicoBricks' block, followed by 'Write Text to Screen X 25 Y 32 "Good night"', 'Show Screen Buffer', and a 'wait 2' block. A 'forever' loop contains a 'wait 1' block, 'Clear Screen Buffer', an 'if' statement checking 'Read Light Sensor < 20000' (with a 'do' block), 'Write Text to Screen X 15 Y 32 "Good Morning"', 'Show Screen Buffer', 'Set RGB Led Colour' (with a color picker), 'Play Buzzer Freq 300', another 'if' statement checking 'Read Button == 1' (with a 'do' block), 'Clear Screen Buffer', 'Write Text to Screen X 0 Y 32 "Have a nice day"', 'Show Screen Buffer', and 'Clear RGB Led Colour'.

The right sidebar features a grid of project templates, each with a 'More Detail' button. The 'Alarm Clock' template is highlighted with a red border. The templates include:

- Thermometer: Hot or cold? What's the temperature?
- Graphic Monitor: Adjusting RGB Brightness with a Twist!
- Dinos: Take th
- Smart Cooler: Feel the breeze: Motor fan kicks in at 20°C!
- Show: Can yo racers?
- Air Piano
- Buzz Wire Game
- Dinit:

[https://www.youtube.com/embed/8Drcl\\_YEsFs](https://www.youtube.com/embed/8Drcl_YEsFs)

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