**Python digital clock**

**One of the most important aspects of creating GUI applications is that you can customize them however you want. From text font to background color, all features are available for customization. In this article, we will introduce you to how to create a digital clock with Python .**

**How to make a digital clock with Python**

**Here you will learn how to make a free Python project to make a digital clock. It's a simple task to get started with the library Tkinter It is in Python. It is a built-in package that comes with Python . Tkinter It has interesting features that can be used to build simple programs .**

**Now let's see how we can create a digital clock GUI with Python. First, we start by importing the libraries :**

**from tkinter Import label , Tk**

**import time**

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**Now let's define the title and size of our program. Note that in the code below, we set the length and width of the resizable function to True(1,1) . If you want a fixed window and don't want to maximize or minimize the output, you can set it to False(0,0) :**

**app\_window = Tk ()**

**app\_window . title ( "Digital Clock" )**

**app\_window . geometry ( "420x150" )**

**app\_window . resizable ( 1 , 1 )**

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**Now here we define the font indicating the time and its color, the border width and the background color of the digital clock in this free Python project :**

**text\_font = ( "Boulder" , 68 , 'bold' )**

**background = "#f2e750"**

**foreground = "#363529"**

**border\_width = 25**

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**Now here we combine all the elements to define the label of the clock application :**

**label = Label ( app\_window , font = text\_font , bg = background , fg = foreground , bd = border\_width )**

**label . grid ( row = 0 , column = 1 )**

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**Now let's define the main function of our digital clock. Here the label text under the title realtime we explain :**

**def digital\_clock ():**

**time\_live = time \_ strftime ( "%H:%M:%S" )**

**label . config ( text = time\_live )**

**label . after ( 200 , digital\_clock )**

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**Now let's run our free Python project and see the output :**

**digital\_clock ()**

**app\_window . mainloop ()**

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**Full code :**

**from tkinter Import label , Tk**

**import time**

**app\_window = Tk ()**

**app\_window . title ( "Digital Clock" )**

**app\_window . geometry ( "420x150" )**

**app\_window . resizable ( 1 , 1 )**

**text\_font = ( "Boulder" , 68 , 'bold' )**

**background = "#f2e750"**

**foreground = "#363529"**

**border\_width = 25**

**label = Label ( app\_window , font = text\_font , bg = background , fg = foreground , bd = border\_width )**

**label . grid ( row = 0 , column = 1 )**

**def digital\_clock ():**

**time\_live = time \_ strftime ( "%H:%M:%S" )**

**label . config ( text = time\_live )**

**label . after ( 200 , digital\_clock )**

**digital\_clock ()**

Amirshayan Jalili

[Shayan138190@gmail.com](mailto:Shayan138190@gmail.com)

<https://github.com/Amirshayan2002>