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1 from tkinter import *
2 import datetime
3
4
5 def date_time():
6     time = datetime.datetime.now()
7     hr = time.strftime('%I')
8     min = time.strftime('%M')
9     sec = time.strftime('%S')
10    am = time.strftime("%p")
11    date = time.strftime("%d")
12    month = time.strftime("%m")
13    year = time.strftime("%y")
14    day = time.strftime("%a")
15    lab_hr.config(text=hr)
16    lab_min.config(text=min)
17    lab_sec.config(text=sec)
18    lab_am.config(text=am)
19    lab_date.config(text=date)
20    lab_mo.config(text=month)
21    lab_year.config(text=year)
22    lab_day.config(text=day)
23    lab_hr.after(200, date_time)
24
25
26 clock = Tk()
27 clock.title(' #Digital clock#')
28 clock.geometry('1000x500')
29 clock.config(bg='black')
30 # hr
31 lab_hr = Label(clock, text="00", font=('italic', 60,
32    "bold"),
33    bg='blue', fg='white')
34 lab_hr.place(x=120, y=50, height=100, width=100)
35 lab_hr_txt = Label(clock, text="Hour", font=('italic'
36    , 30, "bold"),
37    bg='blue', fg='white')
38 lab_hr_txt.place(x=120, y=190, height=40, width=100)
39 # min
40 lab_min = Label(clock, text="00", font=('italic', 60
41    , "bold"),

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39             bg='blue', fg='white')
40 lab_min.place(x=340, y=50, height=100, width=100)
41 lab_min_txt = Label(clock, text="Min", font=('italic'
, 30, "bold"),
42             bg='blue', fg='white')
43 lab_min_txt.place(x=340, y=190, height=40, width=100)
44 # sec
45 lab_sec = Label(clock, text="00", font=('italic', 60
, "bold"),
46             bg='blue', fg='white')
47 lab_sec.place(x=560, y=50, height=100, width=100)
48 lab_sec_txt = Label(clock, text="Sec", font=('italic'
, 30, "bold"),
49             bg='blue', fg='white')
50 lab_sec_txt.place(x=560, y=190, height=40, width=100)
51 # am
52 lab_am = Label(clock, text="00", font=('italic', 50,
"bold"),
53             bg='blue', fg='white')
54 lab_am.place(x=780, y=50, height=100, width=100)
55 lab_am_txt = Label(clock, text="Am/pm", font=('italic'
, 20, "bold"),
56             bg='blue', fg='white')
57 lab_am_txt.place(x=780, y=190, height=40, width=100)
58
59 ##****date
60 lab_date = Label(clock, text="00", font=('italic', 60
, "bold"),
61             bg='blue', fg='white')
62 lab_date.place(x=120, y=270, height=100, width=100)
63 lab_date_txt = Label(clock, text="Date", font=('
italic', 30, "bold"),
64             bg='blue', fg='white')
65 lab_date_txt.place(x=120, y=410, height=40, width=100
)
66 # month
67 lab_mo = Label(clock, text="00", font=('italic', 60,
"bold"),
68             bg='blue', fg='white')
69 lab_mo.place(x=340, y=270, height=100, width=100)
70 lab_mo_txt = Label(clock, text="Month", font=('italic

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70 ', 20, "bold"),
71         bg='blue', fg='white')
72 lab_mo_txt.place(x=340, y=410, height=40, width=100)
73
74 lab_year = Label(clock, text="00", font=('italic',
75         60, "bold"),
76         bg='blue', fg='white')
77 lab_year.place(x=560, y=270, height=100, width=100)
78 lab_year_txt = Label(clock, text="Year", font=('
79         italic', 30, "bold"),
80         bg='blue', fg='white')
81 lab_year_txt.place(x=560, y=410, height=40, width=
82         100)
83 # day
84 lab_day = Label(clock, text="00", font=('italic', 40
85         , "bold"),
86         bg='blue', fg='white')
87 lab_day.place(x=780, y=270, height=100, width=100)
88 lab_day_txt = Label(clock, text="Day", font=('italic
89         ', 20, "bold"),
90         bg='blue', fg='white')
91 lab_day_txt.place(x=780, y=410, height=40, width=100
92         )
93
94 date_time()
95 clock.mainloop()
96
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