

IBM ASSIGNMENT - 3

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ASSIGNMENT QUESTION :

Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi. Note: you are allowed to use web search and complete the assignment

PYTHON CODE :

```
import time
```

```
while True:
```

```
    print("Red")
```

```
    print("Blink!!")
```

```
    time.sleep(2)
```

```
    print("Blink!!")
```

```
    print("Green")
```

```
    print("Blink!!")
```

```
    time.sleep(3)
```

```
    print("Blink!!")
```

```
    print("Yellow")
```

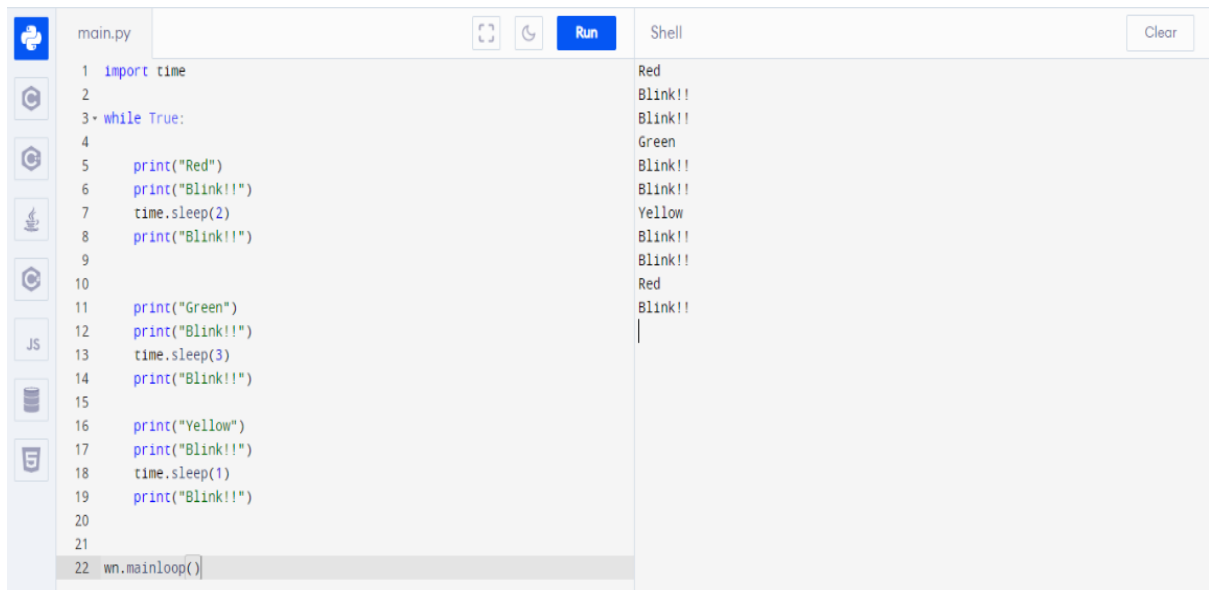
```
    print("Blink!!")
```

```
    time.sleep(1)
```

```
    print("Blink!!")
```

```
wn.mainloop()
```

OUT PUT:



The image shows a code editor interface with a file named `main.py`. The code is a Python script that uses a `while` loop to print a sequence of colors and "Blink!!" messages, with sleep intervals. The output is displayed in a shell window on the right.

```
1 import time
2
3 while True:
4
5     print("Red")
6     print("Blink!!")
7     time.sleep(2)
8     print("Blink!!")
9
10
11     print("Green")
12     print("Blink!!")
13     time.sleep(3)
14     print("Blink!!")
15
16     print("Yellow")
17     print("Blink!!")
18     time.sleep(1)
19     print("Blink!!")
20
21
22 wn.mainloop()
```

The output in the shell window is as follows:

```
Red
Blink!!
Blink!!
Green
Blink!!
Blink!!
Yellow
Blink!!
Blink!!
Red
Blink!!
|
```