DEMO IV
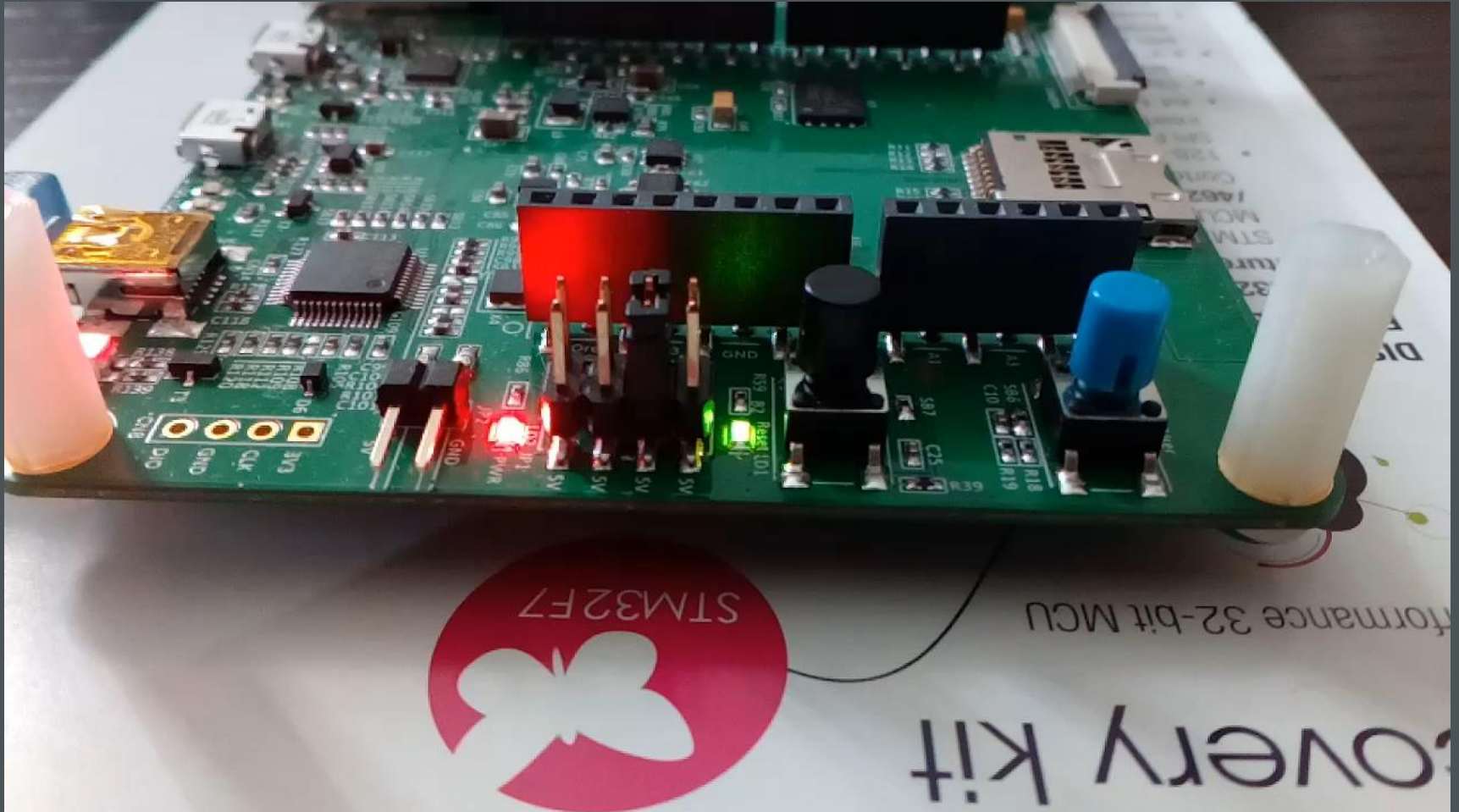
ZOLTÁN NÉMETH

BLINKING LEDs

1.VERSION

```c
int n = 2000;

for (int i = 0; i < 3; i++) {
                BSP_LED_On(LED1);
                HAL_Delay(n);
                BSP_LED_Off(LED1);
                HAL_Delay(n);
        };

        for (int i = 0; i < 3; i++) {
                BSP_LED_On(LED1);
                HAL_Delay(n / 2);
                BSP_LED_Off(LED1);
                HAL_Delay(n / 2);
        };

        for (int i = 0; i < 3; i++) {
                BSP_LED_On(LED1);
                HAL_Delay(n / 4);
                BSP_LED_Off(LED1);
                HAL_Delay(n / 4);
        };
```
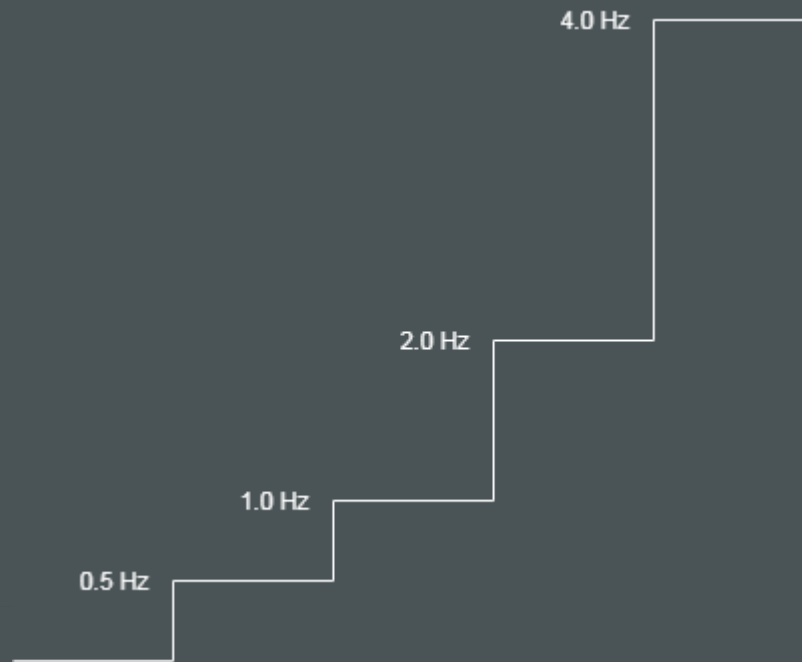
II.VERSION

```c
int n = 2000;

    for (int j = 1; j < 5; j++) {
        for (int i = 0; i < 3; i++) {
            BSP_LED_On(LED1);
            HAL_Delay(n / j);
            BSP_LED_Off(LED1);
            HAL_Delay(n / j);
        }
    }
```
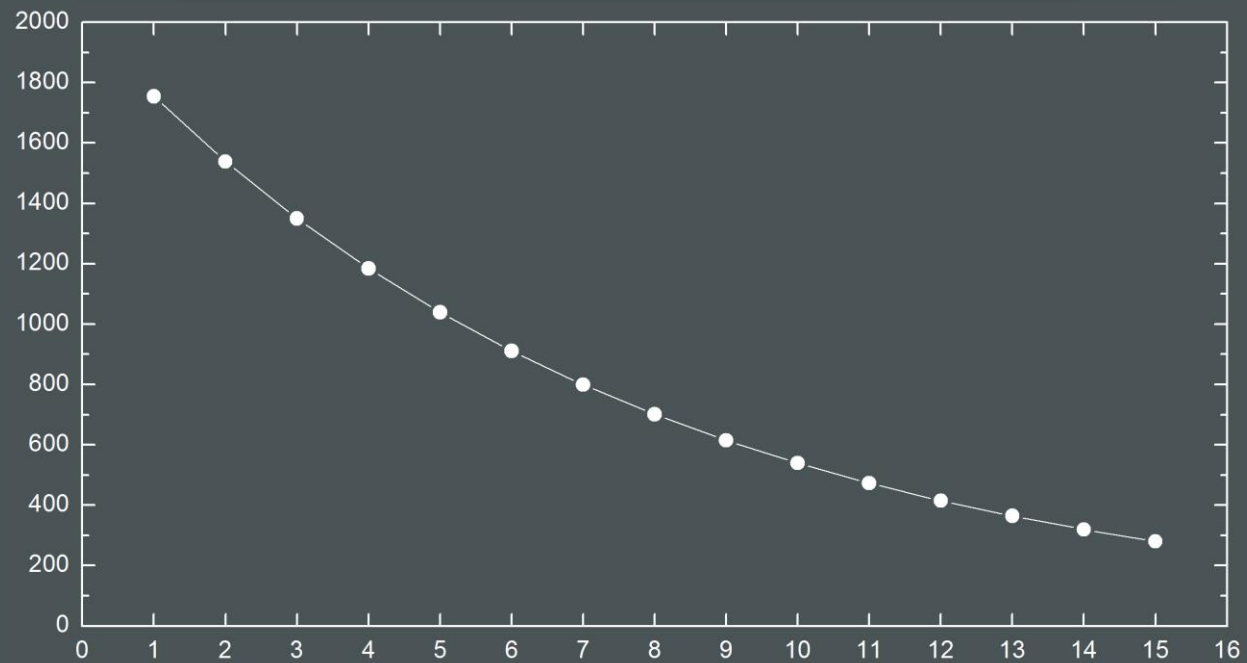
4.0 Hz

2.0 Hz

1.0 Hz

0.5 Hz

```
int start = 2000;

for (int i = 1; i < 16; i++) {
    start = start / 1.14;
};
```

```
int start = 2000;

    for (int i = 1; i < 16; i++) {
        start = start / 1.14;
    };
```

III.VERSION

```c
int n = 2000;

    for (int i = 1; i < 16; i++) {
        n = n / 1.14;
        for (int i = 0; i < 1; i++) {
            BSP_LED_On(LED1);
            HAL_Delay(n);
            BSP_LED_Off(LED1);
            HAL_Delay(n);
        }
    }
```

THANK YOU!