



```
typedef
struct gpio {
```

```
    unsigned int OMODER;
    unsigned int OTYPER;
    unsigned int OSPEEDR;
```

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```
    PUPDR;
```

```
    IDR;
```

```
    ODR;
```

```
    BSRR;
```

```
    LCKR;
```

```
    AFR1H;
```

```
    AFR1L;
```

```
}gpio_t;
```

```
gpio_t *GPIOA;
```

```
GPIOA->ODR = 8;
```