13.23 Selbstdefinierte Datentypen

In C lassen sich neue Datentypen definieren.
Hierzu dient das Schlüsselwort `typedef`.

```c
/* Deklaration exakter Datentypen (s. stdint.h)*/
/* Achtung: Prozessorabhängig !!               */

typedef   signed   char        int8_t;     .
typedef   signed   short       int16_t;
typedef   signed   long        int32_t;
typedef   unsigned char        uint8_t;
typedef   unsigned short       uint16_t;
typedef   unsigned long        uint32_t;
typedef   signed   long long   int64_t;
typedef   unsigned long long   uint64_t;


/* Variablendeklaration */

int8_t    b1,  b2=0xF1;
uint16_t  w[10];
int       a=15;
```