Datenausgabe

Init static variables

```
void main(void){
```

init dynamic variables

CLOCK - Settings

switch over to main quarz oscillator at 25MHz

PORTC - Define

-DEN := 0x30
-DIR := 0x30

PORTP - Define

-DEN := 0x02
-DIR := 0x02

-GPIO_PORTP_AFSEL_R |= 0x02 //Enable alternative function
-GPIO_PORTP_PCTL_R |= 0x00000010

UART6 - Define

//enable UART6
//7 databits
//enable even parity
//no stopbits

UART6_LCRH_R |= (UART_LCRH_WLEN_7 | UART_LCRH_PEN | UART_LCRH_EPS)

char text[] \\ init prep text

```
\\transmit text to hyper terminal
for(i=0; i<sizeof(text); i++) {
  UART6_DR_R = text[i]; //Transmit a single char
  while(!(UART6_FR_R & UART_FR_TXFE)); // Wait until char has been transmitted
 }
```

while(1) {} //Endless loop after transmitting

```
 }
```