

```
int main (void)                //Example 1
{ setup_HW;
  User_prompt;
  String_to_PC_Local("\r\nExploring the operation of the USART\r\n");
  Char_to_PC_Local('?');
  newline_Basic();
  while (1)
  { Char_to_PC_Local
    (waitforkeypress_Local());
  } return 1;}
```

```
int main (void)                //Example 2
{ setup_HW;
  char keypress;

  if (watch_dog_reset == 1) String_to_PC_Local("\r\n? ");
  else {User_prompt;String_to_PC_Local("\r\nWe often send\
detailed text the first time our program runs\r\n\
and a simple prompt on subsequent ocaissions\r\n\
Enter number -cr- when done\r\n  ");}

  while (1)
  { keypress = waitforkeypress_Local();
    if ((keypress == '\r') || (keypress == '\n'))break;
    else Char_to_PC_Local(keypress); }
  SW_reset; }
```

```
int main (void)                //Example 3
{ char symbol;                 //Prints all askii symbols
  setup_HW;
  newline_Basic();
  symbol = '!';
  while (symbol <= '~')
  { Char_to_PC_Local(symbol);
    _delay_ms(10);
    symbol++;
    wdr();
  }
  waitforkeypress_Local();
  SW_reset;
  return 1; }
```