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int main (void)                                //Example 9
{ char char_counter = 0;                       //hex file printout with text in clear
  char keypress;
  char line_len;
  char High_byte=0;
  char askii_char;

  setup_HW;
  String_to_PC_Basic("ABCDEFGHJKLMNOPQRSTUVWXYZ\r\n\
Send hex file\r\n");

  while (!(isCharavailable_Local(65)))
    Char_to_PC_Local('?');
  newline_Basic();
  Char_from_PC_Local();

  while (1)
  { if (isCharavailable_Local(10))
    { keypress = Char_from_PC_Local();
      if(keypress == ':')char_counter = 0;
      if (char_counter == 1)line_len = (keypress - '0')*0x10;
      if (char_counter == 2)line_len += keypress - '0';
      char_counter += 1;
      if((char_counter >=10) && (char_counter < ((line_len*2) + 10)))

      {if (!(char_counter%2))
        {if ((keypress >= '2') && (keypress <= '7'))High_byte = keypress;
          else {Char_to_PC_Local(keypress);}}
        if (char_counter%2)
        {if (!(High_byte))Char_to_PC_Local(keypress);
          else{

              if (keypress >='A')keypress -= 7;
              askii_char = ((High_byte-'0') * 0x10)+ keypress - '0';
              Char_to_PC_Basic(askii_char);High_byte=0;}}

          }else {Char_to_PC_Local(keypress);}}
        else break;
      }
    String_to_PC_Local("Done\r\n");
    SW_reset;
    return 1;}
```