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#define Array_size 300

int main (void)                                //Example 10
{ char keypress;
  int line_counter;
  char char_store [Array_size];
  int char_store_pointer;
  char print_cntrl;

  setup_HW;

  line_counter = 0;
  char_store_pointer = 0;
  print_cntrl = 0;

  if(watch_dog_reset != 1)
  {String_to_PC_Basic("Send hex file");
   while (!(isCharavailable_Local(65)));}
else
  {while (!(isCharavailable_Local(65)))
   Char_to_PC_Local('?');}

  newline_Basic();
  Char_to_PC_Local(Char_from_PC_Local());
  while (1)
  {if (!(isCharavailable_Local(10)))break;

   {keypress = Char_from_PC_Local();
    Char_to_PC_Local(keypress);
    if (keypress == '\n') line_counter += 1;
    if (line_counter ==10)UCSR0B &= ~(1<< TXEN0));
    char_store[char_store_pointer++] = keypress;
    char_store_pointer %= Array_size;}}

  UCSR0B |= (1<< TXEN0);
  newline_Basic();

  for(int m = 0; m <Array_size; m++){
  if ((char_store[m] == '\r')||(char_store[m] == '\n'))
    print_cntrl = 1;
  if ((m < char_store_pointer) && (print_cntrl == 1))
    Char_to_PC_Basic(char_store[m]);}

  newline_Basic();
  String_to_PC_Basic("File size: ");
  Int_to_PC_Basic (line_counter);
  String_to_PC_Basic("  lines\r\n ");

  SW_reset;
  return 1;}
```