```
char inputString[100]; //Char array to hold letters of string
int iteration = 0; //Variable to hold loop number
int stringMax; //Variable to hold max length of selected string

task main()
{
  //Assign string
  sprintf(inputString, "This LCD Program allows users to display messages that a

  for (int m = 0; m < 100; m++) //Figure out stringMax by cycling through array
  {
    if (inputString[m] == 0) //If null found
    {
      stringMax = m; //Set as max
      break; //Leave loop
    }
    wait1Msec(10); //Wait to stop hogging
  }

  while (true) //Loop to run program
  {
    for (int m = 0; m < 16 ; m++) //Cycle through all sections of the display
    {
      displayLCDChar(0,m,inputString[m + iteration]); //Set current letters to s
    }
    if (iteration < (stringMax - 15)) //While it has not reached the end of the
    {
      if (iteration == 0) //If the loop has reset
      {
        wait1Msec(1000); //Give the user 1 second before moving text
      }
      else
      {
        wait1Msec(250); //Small wait before moving letters
      }
      iteration++; //Move all characters once to the left
    }
    else //At the end of the cycle
    {
      wait1Msec(1000); //Wait one second to let the user finish reading
      iteration = 0; //Reset loop
    }
    clearLCDLine(0); //Clear the LCD after every loop
  }
}
```