

```
#include<lpc214x.h>
#include "stdio.h"

int main()
{ unsigned int i=0;
  unsigned char ch, temp[100];
  UartInit();
  /* This function fetches a string from serial port starts with a character '$' And ends with
  a character '*' */

  if((ch = UART1_GetChar()) == '$') //if '$' is received
  {
    do
    {
      temp[i] = UART1_GetChar();
    } while(temp[i++] != '*');
    //while '*' character is not received, keep fetching the string
    temp[i] = '\0'; //add a NULL character at the end of the string

    UART0_PutS(temp); //display lat and lon on Hyperterminal
  }

  return 0;
}
```