Program Example 2:

```c
#include <stdio.h>

/* Reads two integers from stdin and prints their sum to stdout. */

int main(void) {

    int x, y;

    /* Get values for the two integers. */

    printf("Enter the value of x: ");
    scanf("%d", &x);

    printf("Enter value the of y: ");
    scanf("%d", &y);

    /* Print the sum. */

    printf("Sum = %d\n", x+y);
    return 0;
}
```

/* End of main. */