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| Name |  | Station | |  | Date |  |
| Filename | Intro to PLC Job 101 *[name].*RSS | | Location | | U:\Electrical\*[firstname\_lastname]* | |
| Job Objective | | | | | | |
| Gain a working knowledge of the counter offerings for the MicroLogix 1100 compact PLC. | | | | | | |
| Job Details | | | | | | |
| Program and download the ladder logic shown below. | | | | | | |
| Job Instructions | | | | | | |
| * With the top selector switch in the left position, press the normally open pushbutton once. Record the Accum value \_\_\_\_\_\_. * With the top selector switch in the left position, press and release the normally open pushbutton repeatedly until the green light comes on. What is the *Accum* value?\_\_\_\_\_\_ * For a count up instruction, when the *Preset* reaches the *Accum* the done bit (DN) is set. * Press the normally closed pushbutton (RESET). What is the *Accum*? \_\_\_\_\_\_\_\_\_ * Observe the CTD function block. What is the current *Preset* value? \_\_\_\_\_\_\_\_\_ * Notice that the “done” bit is set which is while the red light is illuminated. * Switch the top selector switch to the right position, press the normally open pushbutton once. Notice that the *Accum* is **decreasing**. * Press the button 11 more times. What happened to the light? \_\_\_\_ What is the *Accum* value?\_\_\_\_ * Press the normally closed pushbutton (RESET). What is the *Accum*? \_\_\_\_\_\_\_\_\_ | | | | | | |

