

Practice work №8

Programming of the "conveyor line" in automatically mode

Task 1. It is necessary to program the work of the conveyor belt. On the conveyor belt rotate the bottles. When the bottle come to the end point of the belt, lights up sensor end of the tape, also in the special box the number of the descended from conveyor bottles are calculated.

Please use the following visualization examples for create the project.

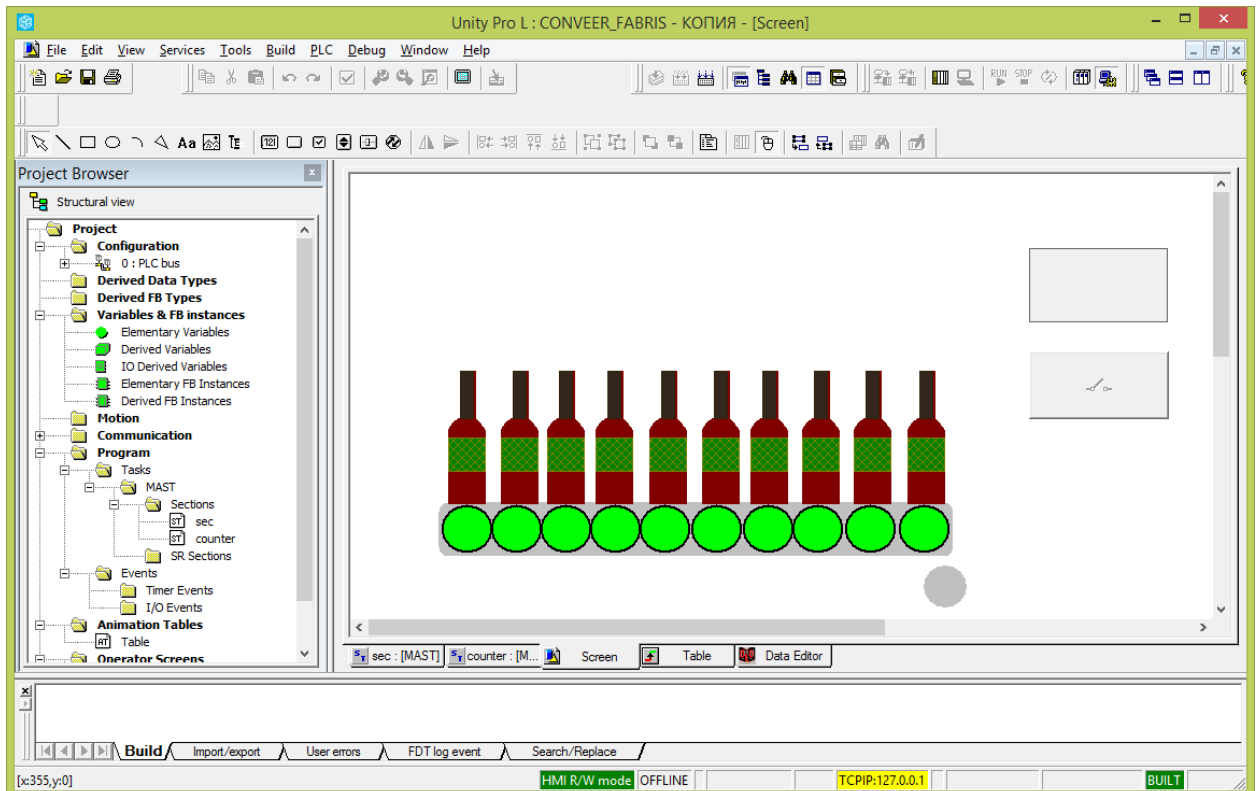


Figure 1 - Visualization of the program

1. For programming the bottle movement please use the special structure:
ARRAY[0..10] OF BOOL (*array of the boolean components of the program*)
2. For programming the structure of the cycle please use the structure:
FOR TO BY DO
END_FOR;

REMARK1. Please pay attention with the direction of the cycle.

Example of the variable tables presented in Figure 2.

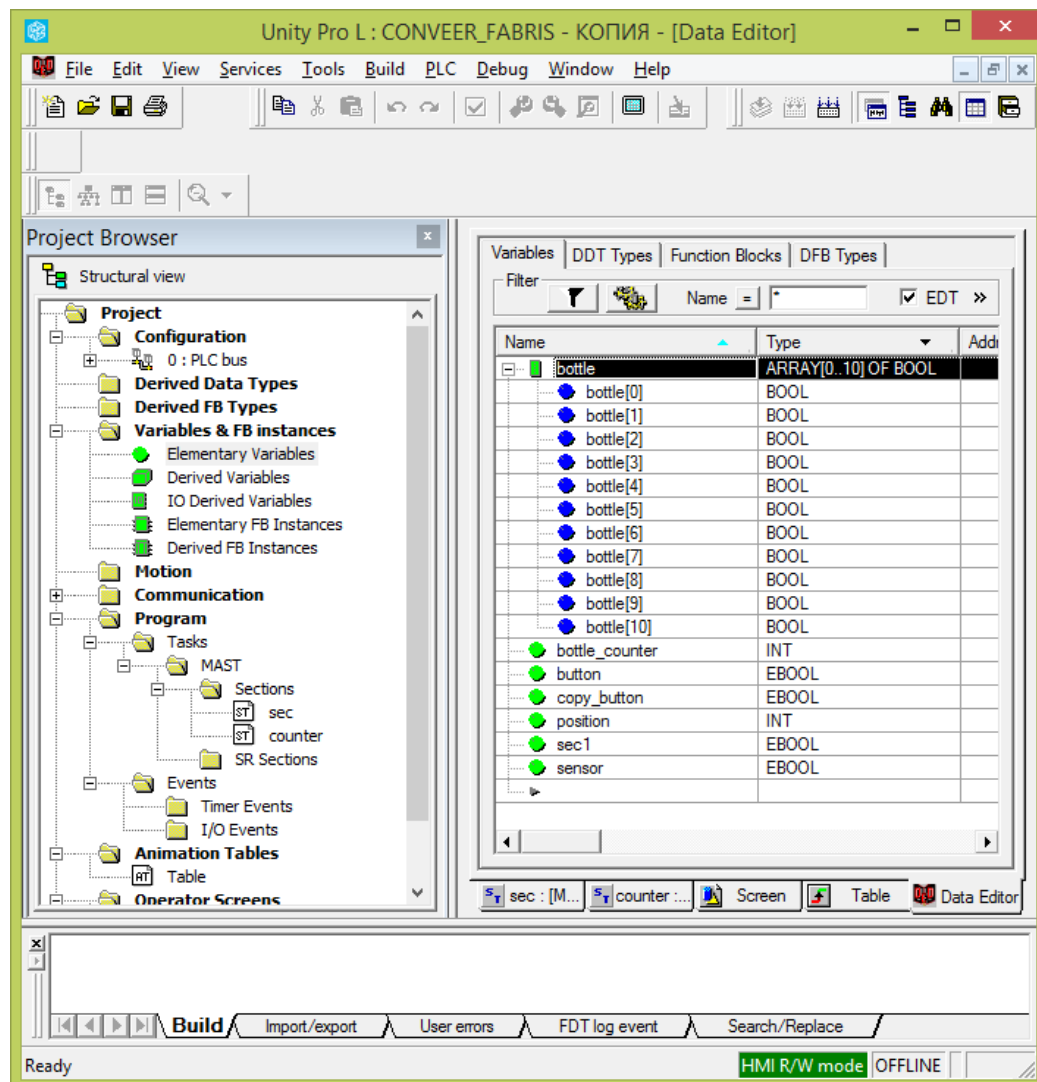


Figure 2 - Example of the variable table

REMARK 2. Report should be created according the STANDARDS of KBTU for writing works.

TOTAL MARKS - 3 POINT