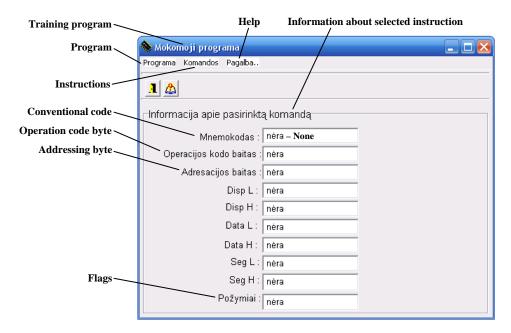
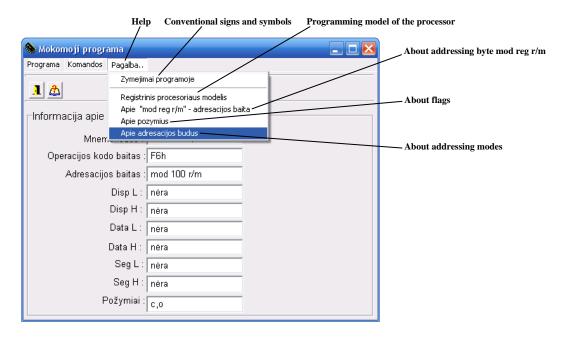
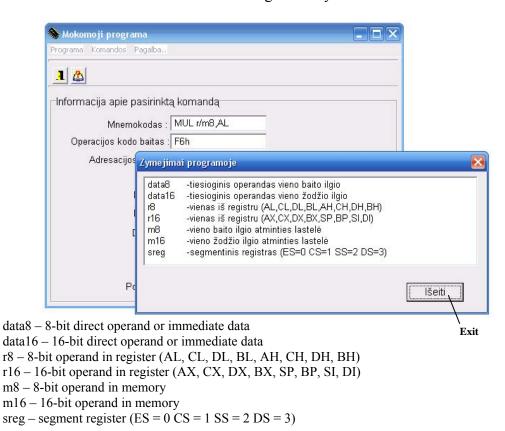
1. Main window of the program



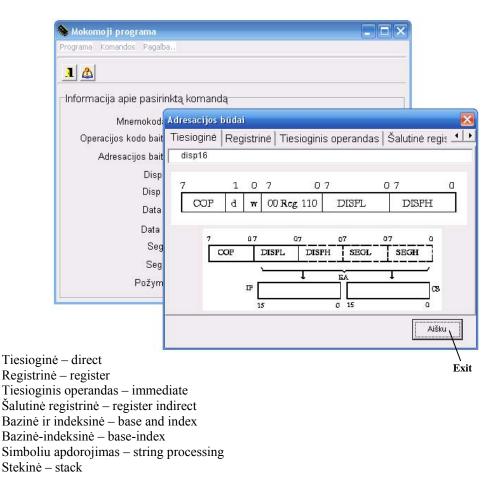
2. Help



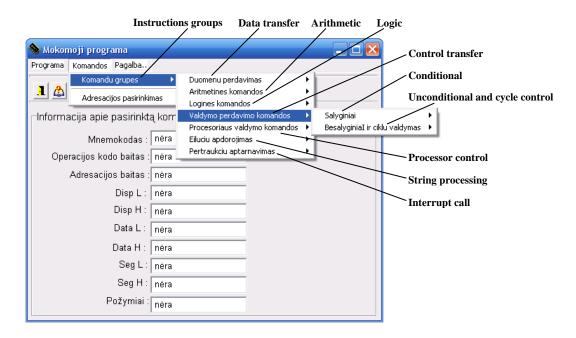
Conventional signs and symbols



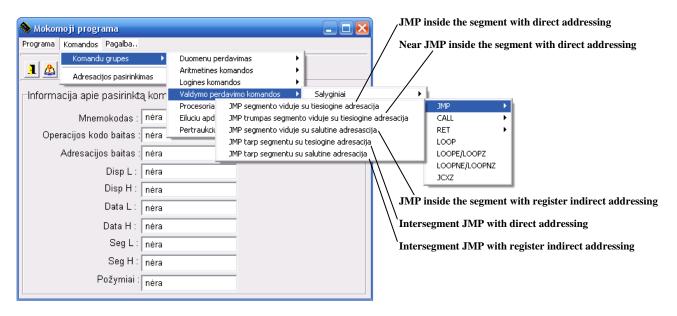
Addressing modes



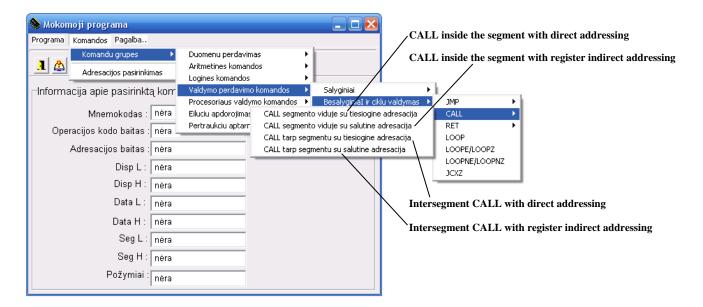
3. Instructions



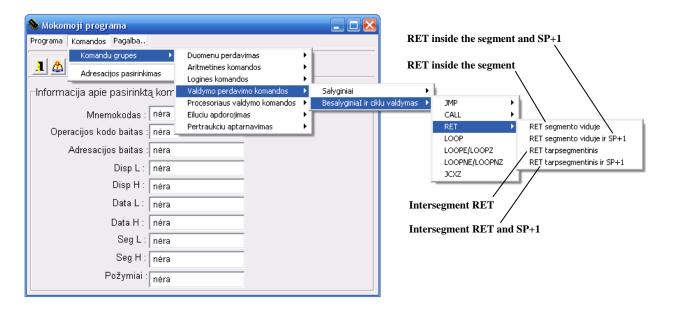
Unconditional transfers or jumps



Unconditional calls

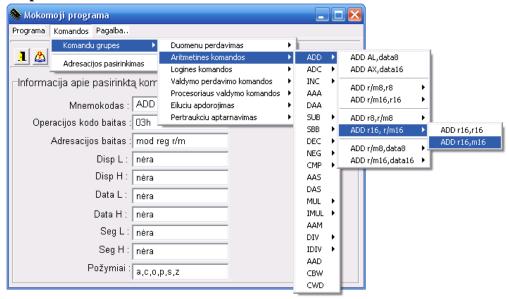


Unconditional returns

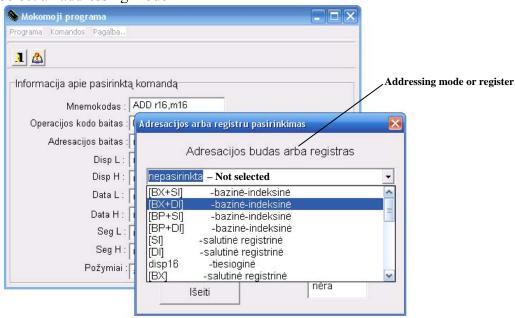


4. Selection of the instruction and addressing mode

1) Step: Select an instruction



2) Step: Select an addressing mode



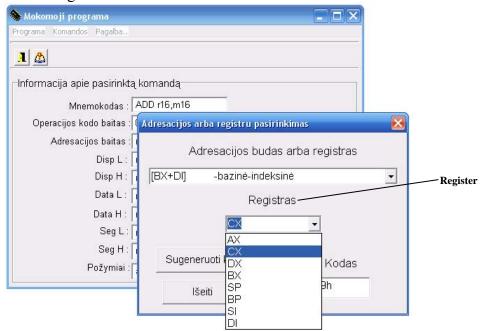
[BX+DI] – base-index addressing [BP+SI] – base-index addressing [BP+DI] – base-index addressing [SI] – register indirect addressing [DI] – register indirect addressing disp16 – direct addressing [BX] – register indirect addressing [BX+SI]+disp8 – base-index addressing [BX+DI]+disp8 – base-index addressing

[BX+SI] – base-index addressing

[BP+SI]+disp8 – base-index addressing [BP+DI]+disp8 – base-index addressing [SI]+disp8 – index addressing
[DI]+disp8 – index addressing
[BP]+disp8 – base addressing
[BX]+disp8 – base addressing
[BX+SI]+disp16 – base-index addressing
[BX+DI]+disp16 – base-index addressing
[BP+SI]+disp16 – base-index addressing
[BP+DI]+disp16 – base-index addressing
[SI]+disp16 – index addressing
[DI]+disp16 – index addressing
[BP]+disp16 – base addressing

[BX]+disp16 – base addressing

3) Step: Select a register



4) Step: Generate the code of the instruction



