```
instr_addr_t  ProcessingStep_1()
{   IP_protocol_t   wordx;

    //Lookup the destination address
    Dport = LOOKUPX.search(Da);

    //Read the TTL and Chksum fields
    wordx =  MEMX.read(PP, TTL_WORD);
    TTL = wordx.TTL;
    Chksum = wordx.CHKSUM;
    TTL = TTL – 1;
    Chksum = Update_chksum(Chksum);
    switch (TTL == 0) {
        case OK: Next_step = NP_INSTR_EMIT;
        default: Next_Step =
                    NP_INSTR_EXCEPTION;
    }
}
```