Sample code for the master routine

```
master_add(X=Y+Z, Tin, Code, Tout) :-
    if (Tin=>(int(Y),int(Z)) then
        % Generate add instruction:
        Code = [add(T,Y,Z),unify(T,X)]
        % Update type:
        Tout = update(int(X),Tin)
    else
        % Handle other special cases
        ...
    else
        % Default (most general) case:
        Code = [general_add(X,Y,Z)]
        Tout = update((int(X),int(Y),
                       int(Z)),Tin))
    endif.
```

- Special cases can be added according to need. Leaving them out affects speed and does not affect not correctness.