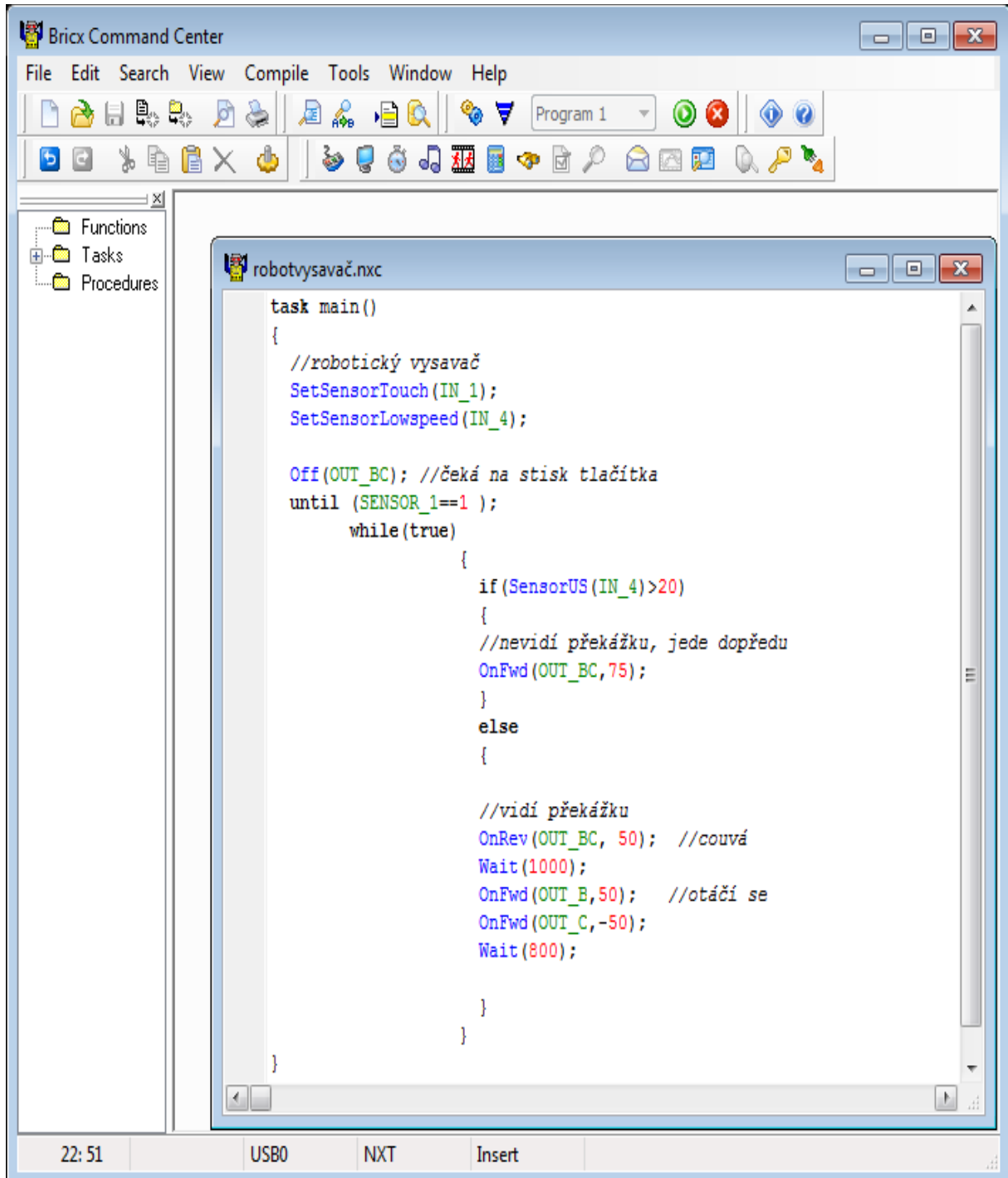


Robotický vysavač

Touch senzor = zapnutí robota

UZ senzor – podle něj vysává



The screenshot shows the Brics Command Center software interface. The main window displays the code for a program named 'robotvysavač.nxc'. The code is written in a C-like syntax and is as follows:

```
task main()
{
    //robotický vysavač
    SetSensorTouch(IN_1);
    SetSensorLowspeed(IN_4);

    Off(OUT_BC); //čeká na stisk tlačítka
    until (SENSOR_1==1);
    while(true)
    {
        if (SensorUS(IN_4)>20)
        {
            //nevidí překážku, jede dopředu
            OnFwd(OUT_BC,75);
        }
        else
        {
            //vidí překážku
            OnRev(OUT_BC, 50); //couvá
            Wait(1000);
            OnFwd(OUT_B,50); //otáčí se
            OnFwd(OUT_C,-50);
            Wait(800);
        }
    }
}
```

The interface also shows a menu bar (File, Edit, Search, View, Compile, Tools, Window, Help) and a toolbar with various icons. On the left side, there is a tree view with folders for 'Functions', 'Tasks', and 'Procedures'. At the bottom of the window, there is a status bar showing the time '22: 51' and the status of the connection: 'USB0', 'NXT', and 'Insert'.