
```
function nhtempdata()
% saves desired data from the large data set to new file
fid = fopen('HadCRUT4-nh.dat.txt'); %data set
fid2 = fopen('somethingcool.dat','w'); %new file

aline = fgetl(fid);
while aline ~= -1
    v = strsplit(aline);
    d = v{2}; %dates
    s = v{15}; %yearly average temperature
    fprintf(fid2, '%s %s\n', d, s);

    %skip one line
    fgetl(fid);
    aline = fgetl(fid);
end
fclose('all');

end
```

Published with MATLAB® R2019a