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Subject: How to work with scripts?

Posted by [Edson Filho](#) on Fri, 02 Dec 2016 20:26:06 GMT

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Hey guys, I got a program that it ends up a little bit to big, so I'm trying in many ways to make it smaller, and now I'm trying to learn how to use scripts, for exemple, I have this:

```
nt = 112 ; Time 1 (mys)
nt2 = 81 ; Time 2 (mys)
T=(dindgen(nt)*0.1+1.); Mys
T2=(dindgen(nt2)+20);Mys
time=[T,T2] ; vector time
```

```
n=300000
R=6.*randomu(Seed,n, /Normal) + 8.
```

```
K= where(R gt 0.5 and R lt 18.5, count)
Np = count
```

```
P=fltarr(nt+nt2,Np)
P[0,*]=R[K]
```

Here is my period distribution, as I was wondering if I could put this as a script, just like

@Period

And Period.pro would be:

```
nt = 112
nt2 = 81
n=300000
R=6.*randomu(Seed,n, /Normal) + 8.
```

```
K= where(R gt 0.5 and R lt 18.5, count)
Np = count
```

```
P=fltarr(nt+nt2,Np)
P[0,*]=R[K]
```

Would that return all the variables to the program or I need to call them?

At this one, I need to return P and Np, is there somehow I do it?

Thanks guys!

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