CoCoA-5 - Feature #737

Elementary transcendental functions (sin, cos, tan, log, exp)

21 Jun 2015 21:12 - John Abbott

Status:	In Progress	**Start date:**	21 Jun 2015
Priority:	Low	**Due date:**	
Assignee:		**% Done:**	50%
Category:	CoCoA-5 function: new	**Estimated time:**	0.00 hour
Target version:	CoCoA-5.?.?	**Spent time:**	0.25 hour

Description		
Martin Kreuzer says one of his students produced a C4 package for computing approximate values of transcendental functions. He suggests that it could be cleaned up and released with CoCoA-5.		
Related issues:		
Related to CoCoA-5 - Support #767: Rename Log to exponents	**Closed**	**03 Sep 2015**

History

#1 - 21 Jun 2015 21:15 - John Abbott

- *Priority changed from Normal to Low*

JAA thinks it could occasionally be handy to have such functions available from inside CoCoA-5.

Martin gave little information about what exactly the package contains.

#2 - 30 Jan 2017 07:53 - Anna Maria Bigatti

I have a package myself called taylor.
Maybe I could show it to you and decide.

#3 - 08 Mar 2017 17:03 - Anna Maria Bigatti

I've checked it in (not documented).

```
/**/ DecimalStr( TaylorArcSin(0.123456789) , 10);
0.1237725724
/**/ DecimalStr( TaylorSin(TaylorArcSin(0.123456789)) , 10);
0.1234567890
```

#4 - 20 Mar 2017 09:00 - Anna Maria Bigatti

- *Status changed from New to In Progress*

- *% Done changed from 0 to 50*