**### Install lua ####**

sudo apt-get install lua5.1

sudo apt-get install liblua5.1-dev

**######## Lua JIT #########**

wget http://luajit.org/download/LuaJIT-2.0.4.tar.gz

tar -xvf LuaJIT-2.0.4.tar.gz

cd LuaJIT-2.0.4/

make

sudo make install

**##### Installing the Luaffi ######**

- git clone https://github.com/jmckaskill/luaffi/

vim Makefile

Add lua5.1 instead of lua in the below line, basically

Change : LUA\_CFLAGS=`$(PKG\_CONFIG) --cflags lua5.2 2>/dev/null || $(PKG\_CONFIG) --cflags lua5.1`

with : LUA\_CFLAGS=`$(PKG\_CONFIG) --cflags lua5.2 2>/dev/null || $(PKG\_CONFIG) --cflags lua5.1`

copied ffi.so in the directlry where the lua code was there for assignemtn1 and it worked without change..

**#### Install LuaRocks ####**

$ wget https://luarocks.org/releases/luarocks-2.4.1.tar.gz

$ tar zxpf luarocks-2.4.1.tar.gz

$ cd luarocks-2.4.1

$ ./configure; sudo make bootstrap

$ sudo luarocks install luasocket

$ lua

**#### install dynfunc #####**

wget http://www.dyncall.org/r0.9/dyncall-0.9-debian-4.1.1-21-ppc.tar.gz

http://www.dyncall.org/r0.9/dyncall-0.9-debian-4.1.1-21-ppc.tar.gz

http://www.dyncall.org/r0.9/dyncall-0.9.tar.gz

tar -xvf dyncall-0.9.tar.gz

cd dyncall-0.9

./configure

make

sudo make install

sudo apt-get install mercurial

hg clone http://hg.dyncall.org/pub/dyncall/bindings

cd bindings/lua/luadc

c99 -shared -o luadc.so -fPIC -I/usr/include/lua5.1 -I/home/pranav/q/installation/dyncall-0.9-release/include luadc.c /usr/local/lib/libdyncall\_s.a /usr/local/lib/libdynload\_s.a /usr/local/lib/libdyncallback\_s.a

uadc.c:165:12: error: ‘DC\_CALL\_C\_ARM’ undeclared here (not in a function)

"C\_ARM", DC\_CALL\_C\_ARM,

^

Remove the offending line in luadc.c and run above command again. It will create luadc.so