```
import sys
import os
import re
import time
from datetime import datetime

TEMPLATE = """IF OBJECT_ID('{dbowner}.{tablename}') IS NULL
    BEGIN
        execute ("{tableDDL}")
        IF OBJECT_ID('{dbowner}.{tablename}') IS NOT NULL
            PRINT '<<< CREATED TABLE {dbowner}.{tablename} >>>'
        ELSE
            PRINT '<<< FAILED CREATING TABLE {dbowner}.{tablename} >>>'
    END
ELSE
    PRINT '<<< TABLE {dbowner}.{tablename} already Present ! >>>'
go
"""

def format_table_and_save(tableDDL, folder = '.'):

    d = re.search(r'create\s+table\s+(?P<dbowner>\w+).(?P<tablename>\w+)',
                  tableDDL,
                  flags = re.DOTALL | re.IGNORECASE).groupdict()

    d['tableDDL'] = tableDDL

    file_content = TEMPLATE.format(**d)

    file_path = os.path.join(folder, d['tablename'] + '.sql')

    with open(file_path, 'wb') as f:
        f.write(file_content)
        f.close()

if __name__ == '__main__':

    """
        The purpose of this script is to parse the the DDL extracted from
        DBARTisan ( with is a commerical tool for Database development ) and
        place each of the table's definition in a separate file.

    """

    start_time = time.time()
    print "Started at : {0}".format(datetime.now())

    extracted_tables_file = r'/path/to/file/all_tables.sql'    # Change this as necessary

    try:
        f = open(extracted_tables_file, 'rb')
        data = f.read()
        f.close()
    except IOError as e:
        print "I/O error({0}): {1}".format(e.errno, e.strerror)
```

```
        raise

    output_dir = os.path.dirname(extracted_tables_file)
    if output_dir == '':
        output_dir = '.'

    tableDDLs = re.findall(r'(create\s+table.*?\).*?)lock allpages',data,flags = re.
    DOTALL | re.IGNORECASE)

    for tableDDL in tableDDLs:
        format_table_and_save(tableDDL, output_dir)

    end_time = time.time()
    el_time = end_time - start_time
    print "Ended at : {0}".format(datetime.now())
    print "Total Elapsed Time {0} secs".format(el_time)
```