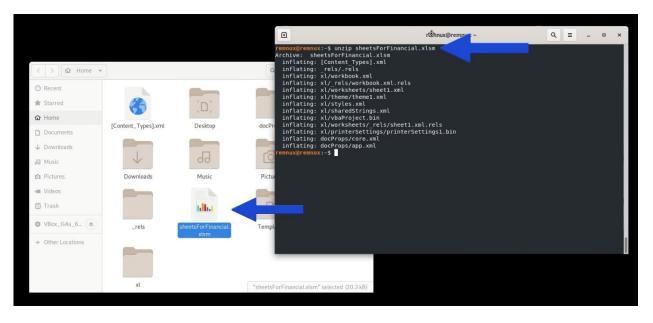
Problem 6

Examine a excel file for virus



We simply unzip file using unzip cmd and it will extract all file that present inside

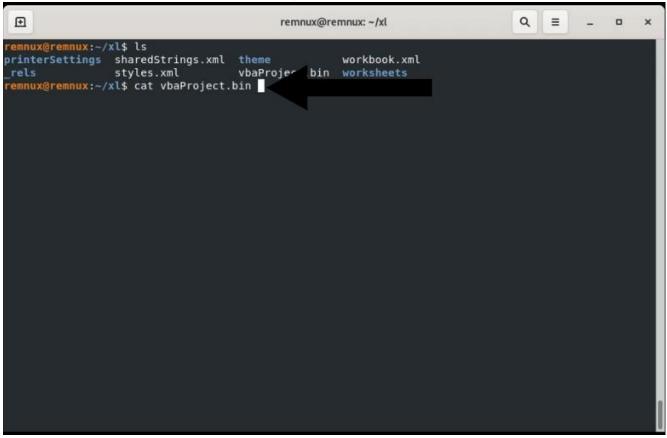
Sheetforfinancial.xlsm

As we can see in picture

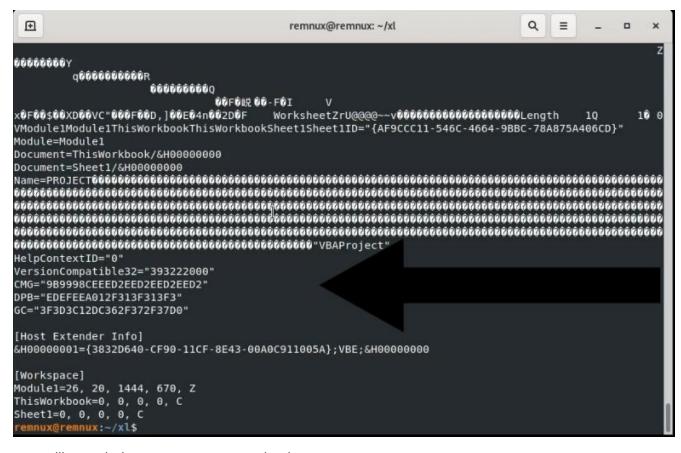
Next

```
1
                                                remnux@remnux: ~/xl
                                                                                          Q
                                                                                                =
                                                                                                           remnux@remnux:~$ unzip sheetsForFinancial.xlsm
Archive: sheetsForFinancial.xlsm
replace [Content_Types].xml? [y]es, [n]o, [A]ll, [N]one, [r]ename: A
 inflating: [Content_Types].xml
  inflating: _rels/.rels
inflating: xl/workbook.xml
  inflating: xl/_rels/workbook.xml.rels
  inflating: xl/worksheets/sheet1.xml
  inflating: xl/theme/theme1.xml
  inflating: xl/styles.xml
  inflating: xl/sharedStrings.xml
  inflating: xl/vbaProject.bin
  inflating: xl/worksheets/_rels/sheet1.xml.rels
  inflating: xl/printerSettings/printerSettings1.bin
  inflating: docProps/core.xml
 inflating: docProps/app
 emnux@remnux:~$ cd xl
emnux@remnux:~/xl$
```

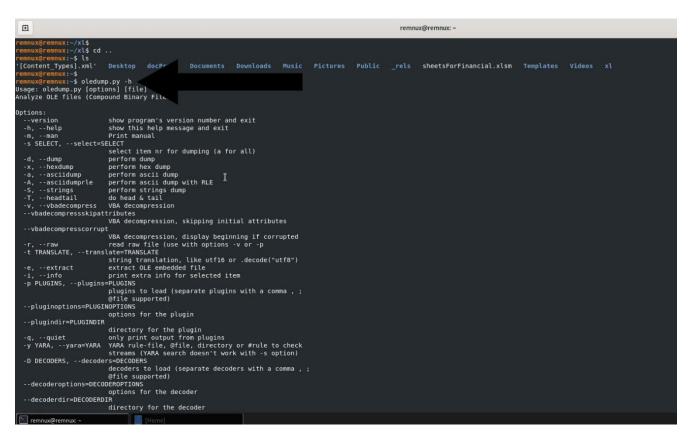
We need to enter in xl directory after open xl dir will run ls cmd and after that will open vbproject.bin coz we are interested in .bin that seems suspicious



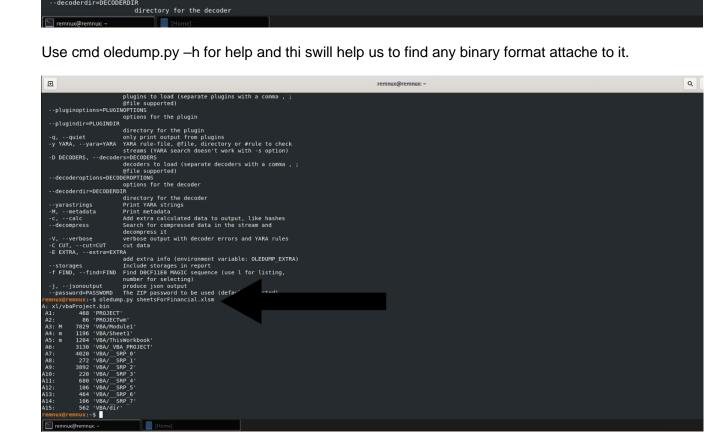
After open .bin in cat will get output in unreadable form and so many strings that meant so much.



now will use oledump.py as u can see in pic



Use cmd oledump.py -h for help and thi swill help us to find any binary format attache to it.



we use simple cmd to look if any extra binary ebbed to it

In result we find out few section in .bin



section we find out here M is showen by our oledump.py that indicate here macros script enable so will confirm this using oledump.py



As u can see we find out macros script which is malware coz it doing many bad things in script . And we also can see this file as virus usingh virus total and malware bazzar. That will give us more details about it.

