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Roll No.: 41471 Batch: S4 Class: BE-IV

Course: Cyber Security & Digital Forensics (CSDF)

Assignment No. 01

i. Code -

import email

```
f = open('/Users/sam/Workspace/Academic Assignments/CSDF/lab 1/email.eml')
msg = email.message_from_file(f)
f.close()

parser = email.parser.HeaderParser()
headers = parser.parsestr(msg.as_string())

print('Headers Found: ')
for i in headers.items():
    print(i)
x = headers.items()[6][-1]
print(f'SPF and DKIM is {x}')
```

ii. Output -

```
Headers Found:
('Neivered-Te', 'sobolymesil.com')
('Neivered-Te', 'by 2002;127:00b.152:bbs:267:75cs:1569 with SMTP id emis-20020scs/sobolymesil.com')
('Neivered-Te', 'by 2002;127:00b.152:bbs:267:75cs:1569 with SMTP id emis-20020scs/sobolymesil.com')
('Neivered-Te', 'by 2002;127:00b.152:bbs:267:75cs:1569 with SMTP id emis-20020scs.com; reserv-20160sbs:268-00000scs/sobolymesil.com')
('Neivered-Te', 'by 2002;127:00b.152:bbs:267:00cs)
('Neivered-Te', 'by 2002;127:00cs)
('Neive
```