**Section A: Usage of git log**

1)

7da769feb24e03629d7b7acb94a631459a4a333c

d3f576a816b89260ea675aaf9d2a0140edd69949

b827097c91eb27c5d747935155497cb87edcb816

870438e5f4665de836f7ff423055895b305a4e7f

242c08553f5bed2aedf2ff962fc83f68e13f2259

a27d91f0a6eb9fd9f2c3ee1d65f131feaf901bd3

81ed2d2d0b7cbf2dd5cffc0da50367c5284416a6

1e12c92b8f4114b75bac7bed714d2e59e12b701d

053d45e79f394dc3dcd356505b7ed43fd0e82c0a

0dfec04439334b4c2da36b154b9df4703913faaa

aeab5370cbefe235c2000a80edefbcfe5d20fc20

a3f29339128fdd10d4a4831708b4538ceb0ccaa5

65b60653236c61062155df55d080e218e59090ee

f204da82d16a956d202a4e185780a480519b02fb

825cec51ff84bcb1e6318f7c4cfeda35860f4d84

bc4ec80db7e34fc0134cc3fb5a8b75a76c242193

8480f49cf627f745f4d3f31fb068878ed2f1d8d5

ba69c29e37cfd2e752ae185abffb64c8a68e3796

Missing: 5349030b312de601db2c9c41d5d5c295a04a6fc4

83dcf8aff91d0178ffbf4978fb757fc7e6d5d08c

git log --follow tests/test\_stats.py

2) git log --reverse tests/test\_stats.py

3) git log -5 tests/test\_stats.py

4) f18c3e5ce5a7ac58f9de1407e4aa1f10430fffc8

5b1d98b8c81418b8e7d802bd7f2c3f37475c3ed8

928e93f8f337f9f247ccd4ed031dcfe9d4af1cb0

e1d118d5ca3e0f4c3bc968fb16348bcbce322625

git log --follow --since=2016july docs/news.rst

5) f18c3e5ce5a7ac58f9de1407e4aa1f10430fffc8 Add release notes for 1.1.2 version

5b1d98b8c81418b8e7d802bd7f2c3f37475c3ed8 Update 1.1.1 release date

928e93f8f337f9f247ccd4ed031dcfe9d4af1cb0 Update notes with latest 1.1 commits

e1d118d5ca3e0f4c3bc968fb16348bcbce322625 Update release notes for upcoming 1.1.1 release

git log --follow --since=2016july --pretty=oneline docs/news.rst

6) git log --follow --since=2016july --format="%ci %cn %H %s" docs/news.rst

7)

25

git log --grep=crawler -i -- tests

8)

81 20

I get 81+62 = 143 insertion after running the same command

git log --shortstat tests/test\_closespider.py

9)

2

I get 4 as answer.

git log -L1,3:tests/requirements.txt

10)

6

git log -L:Slot:scrapy/core/engine.py

**Section B**

11)

face0bf4 test-requirements.txt (Daniel Graña 2014-01-03 19:00:47 -0200 1) # Tests requirements

958d0dbf test-requirements.txt (Daniel Graña 2014-01-03 18:55:38 -0200 2) mock

314db3db tests/requirements.txt (Daniel Graña 2014-11-21 10:54:43 -0200 3) mitmproxy==0.10.1

git blame -L 1,3 tests/requirements.txt

12) No idea

Yes. Git blame only show the commit made by people who contributed more (not really sure).

13)

Pablo Hoffman

Alexander Sibiryakov

git blame --format="%cn" -L:Slot scrapy/core/engine.py

**Section C**

14) NO IDEA

Python 139415

Groff 2008

HTML 1961

Shell 258

<https://api.github.com/repos/tungnk1993/scrapy/languages>

15)

4

0: 316, 1:790, 2: 850, 3: 844, 4: 897, 5: 813, 6: 360

<https://api.github.com/repos/tungnk1993/scrapy/stats/punch_card>

16)

54 422

start:1469923200

addition = 17+11+16+10 = 54

deletion = 21 + 387 + 4 + 10 = 422

end:1472342400

<https://api.github.com/repos/tungnk1993/scrapy/stats/code_frequency>