

Name: HASIFA A S **USN:** 1RV18IS016 **Dept/Lab:** ISE/CSDF **Expt No.:** 07 a
Date: 13/12/2021 **Title:** REPORTING TOOLS

4. To store the output in a different file
Command - `pipal -t 10 -o output.txt passwords.txt`

[illegible]

```
File Edit Search View Document Help
/home/fali/Desktop/output.txt - Mousepad

Basic Results

Total entries = 1000006
Total unique entries = 1000002

Top 10 passwords
Password123 = 2 (0.0%)
Password = 2 (0.0%)
america = 2 (0.0%)
HarryPotter = 2 (0.0%)
Pass123word = 1 (0.0%)
Amazon123 = 1 (0.0%)
Dreamlife = 1 (0.0%)
EmmaWatson = 1 (0.0%)
123456 = 1 (0.0%)
password = 1 (0.0%)

Top 10 base words
vlad = 738 (0.07%)
vova = 638 (0.06%)
alex = 424 (0.04%)
wolf = 394 (0.04%)
mike = 336 (0.03%)
yfcnz = 336 (0.03%)
qwerty = 329 (0.03%)
pass = 318 (0.03%)
love = 308 (0.03%)
yana = 293 (0.03%)
```

```

Password length (length ordered)
3 = 853 (0.09%)
4 = 26830 (2.68%)
5 = 51444 (5.14%)
6 = 248824 (24.88%)
7 = 183918 (18.39%)
8 = 305083 (30.51%)
9 = 69689 (6.97%)
10 = 46717 (4.67%)
11 = 22498 (2.25%)
12 = 15892 (1.59%)
13 = 12725 (1.27%)
14 = 5786 (0.58%)
15 = 3811 (0.38%)
16 = 2765 (0.28%)
17 = 969 (0.1%)
18 = 707 (0.07%)
19 = 475 (0.05%)
20 = 396 (0.04%)
21 = 192 (0.02%)
22 = 145 (0.01%)
23 = 71 (0.01%)
24 = 72 (0.01%)
25 = 33 (0.0%)
26 = 41 (0.0%)
27 = 16 (0.0%)
28 = 24 (0.0%)
29 = 9 (0.0%)
30 = 8 (0.0%)

```

5. To show the available checker which is enabled

Command - *pipal --list -checkers*

```
(kali@kali)-[~/Desktop]
$ pipal --list-checkers
/usr/share/pipal/checkers_available/FR_colour_checker.rb:11: warning: key "ocre" is duplicated and overwritten on line 11
pipal 3.1 Robin Wood (robin@digi.ninja) (http://digi.ninja)

You have the following Checkers on your system

Australia_Checker - List of Australian places
Basic_Checker - Basic Checks - Enabled
Colour_Checker - List of common English colours
Date_Checker - Days, months and years
Email_Checker - Compare email addresses to passwords. Checks both name and full address.
External_List_Checker - Check an external file for matches
FR_Colour_Checker - List of common French colours
FR_Date_Checker - French day, month and year checker
FR_Hashcat_Mask_Generator - Hashcat mask generator (French)
FR_Windows_Complexity_Checker - Check for default Windows complexity (French)
FR_area_Code_Checker - List of French area codes
Frequency_Checker - Frequency Checks
Hashcat_Mask_Generator - Hashcat mask generator
NL_Colour_Checker - List of common dutch colours
NL_Date_Checker - Dutch day, month and year checker
NL_Season_Checker - List of common Dutch seasons
Russian_Cities_Checker - List of common Russian cities
Season_Checker - List of common English seasons
US_Area_Code_Checker - List of US area codes
US_Zip_Code_Checker - List of US zip codes
Username_Checker - Compare usernames to passwords.
Windows_Complexity_Checker - Check for default Windows complexity
```

CONCLUSION

1. It is a useful tool which helps in analysis of passwords.
2. It can come in handy while analyzing large passwords dumps that we may come across on the internet or during a pentest activity.

REFERENCES

1. Pipal - <https://www.kali.org/tools/pipal/>
2. Using Pipal - <https://subscription.packtpub.com/book/security/9781789952308/7/ch07lvl1sec87/using-pipal%206>