

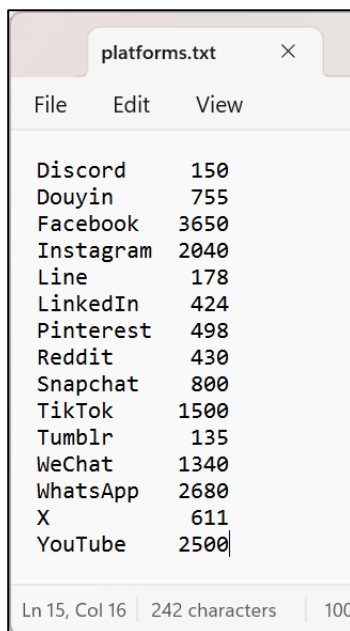
Exercise 2 (10 points) - can be done individually or in pair

- The first lines of all source files must be comment containing names & IDs of all members. Also create file readme.txt containing names & IDs of all members.
- Put all files (source, input, output) in folder **Ex2_xxx** where **xxx = your full ID**. That is, your source files must be in package Ex2_xxx and input/output files (if there is any) must be read from/write to this folder
- The group representative zips Ex2_xxx & submits it to Google Classroom. The other members submit only readme.txt. Email submission is not accepted.
- The exercise is graded only once, and after graded, members can't be added.

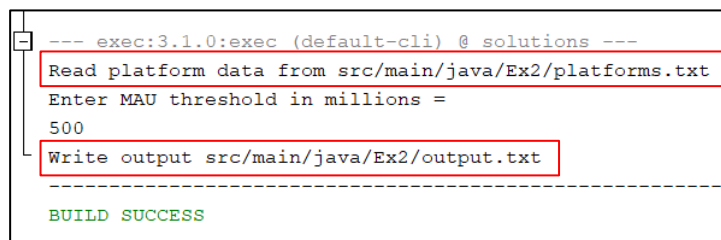
- =====
- Get MAU (monthly active users) threshold in millions from user.
 - Read platform names and MAU in millions from input file. For each platform:
 - Calculate its MAU in thousands and in billions
 - Check whether its MAU in millions exceeds the input threshold
 - Write the output to another file in the following format:
 - Platform name must be left aligned.
 - MAU in thousands & billions must be right aligned. Use comma for thousands separator.
 - Whether the platform's MAU exceeds the threshold (yes or no).
 - All columns must be properly aligned. You'll get point deduction for messy output.**
 - The output file must be placed **in the same folder as Java file + input file.**

Note

- Use %s, %f, %d formatting instead of \t to avoid messy spacing
- When printing the output to file, use **\r\n** instead of \n

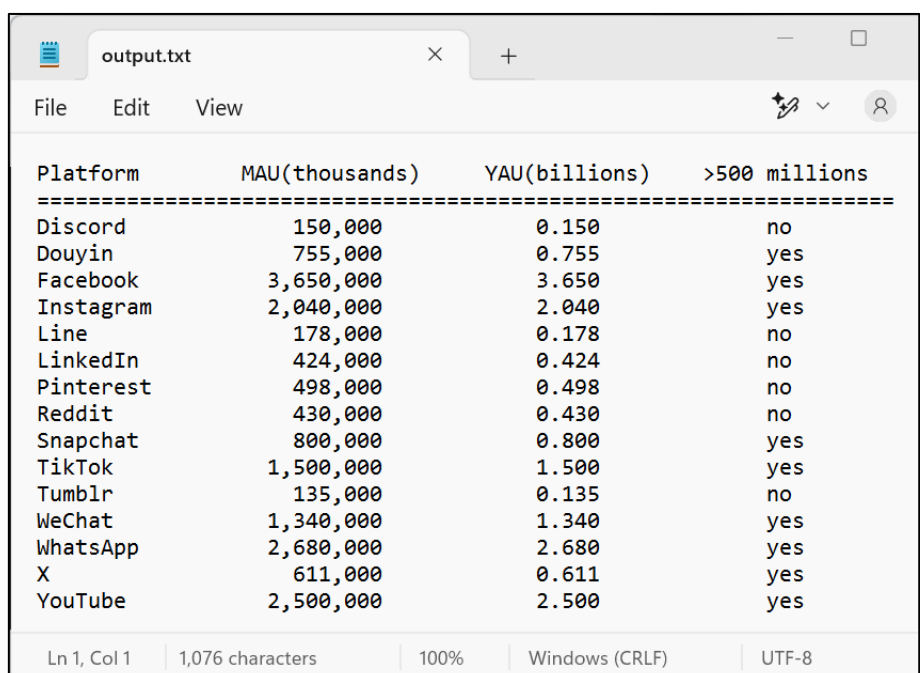


Discord	150
Douyin	755
Facebook	3650
Instagram	2040
Line	178
LinkedIn	424
Pinterest	498
Reddit	430
Snapchat	800
TikTok	1500
Tumblr	135
WeChat	1340
WhatsApp	2680
X	611
YouTube	2500



```
--- exec:3.1.0:exec (default-cli) @ solutions ---
Read platform data from src/main/java/Ex2/platforms.txt
Enter MAU threshold in millions =
500
Write output src/main/java/Ex2/output.txt

BUILD SUCCESS
```



Platform	MAU(thousands)	YAU(billions)	>500 millions
Discord	150,000	0.150	no
Douyin	755,000	0.755	yes
Facebook	3,650,000	3.650	yes
Instagram	2,040,000	2.040	yes
Line	178,000	0.178	no
LinkedIn	424,000	0.424	no
Pinterest	498,000	0.498	no
Reddit	430,000	0.430	no
Snapchat	800,000	0.800	yes
TikTok	1,500,000	1.500	yes
Tumblr	135,000	0.135	no
WeChat	1,340,000	1.340	yes
WhatsApp	2,680,000	2.680	yes
X	611,000	0.611	yes
YouTube	2,500,000	2.500	yes

```
--- exec:3.1.0:exec (default-cli) @ solutions ---
Read platform data from src/main/java/Ex2/platforms.txt
Enter MAU threshold in millions =
1050
Write output src/main/java/Ex2/output.txt
-----
BUILD SUCCESS
-----
```

output.txt			
File Edit View			
Platform	MAU(thousands)	YAU(billions)	>1,050 millions
Discord	150,000	0.150	no
Douyin	755,000	0.755	no
Facebook	3,650,000	3.650	yes
Instagram	2,040,000	2.040	yes
Line	178,000	0.178	no
LinkedIn	424,000	0.424	no
Pinterest	498,000	0.498	no
Reddit	430,000	0.430	no
Snapchat	800,000	0.800	no
TikTok	1,500,000	1.500	yes
Tumblr	135,000	0.135	no
WeChat	1,340,000	1.340	yes
WhatsApp	2,680,000	2.680	yes
X	611,000	0.611	no
YouTube	2,500,000	2.500	yes
Ln 1, Col 1 1,075 characters 100% Windows (CRLF) UTF-8			