

Lab-4

How to Run the program :

\$ javac *.java --> to compile java files

\$ java MT18117_Lab4 --> to run main file

OUTPUT :

1. When Input is given correctly and in Synchronization of threads.

```
subhani007@subhani007-ThinkPad-L420: ~/Desktop/Lab4
File Edit View Search Terminal Help
subhani007@subhani007-ThinkPad-L420:~/Desktop/Lab4$ java MT18117_Lab4
Subhanti,22,Male,Andhra Pradesh,Saidulu,Mothilalbe

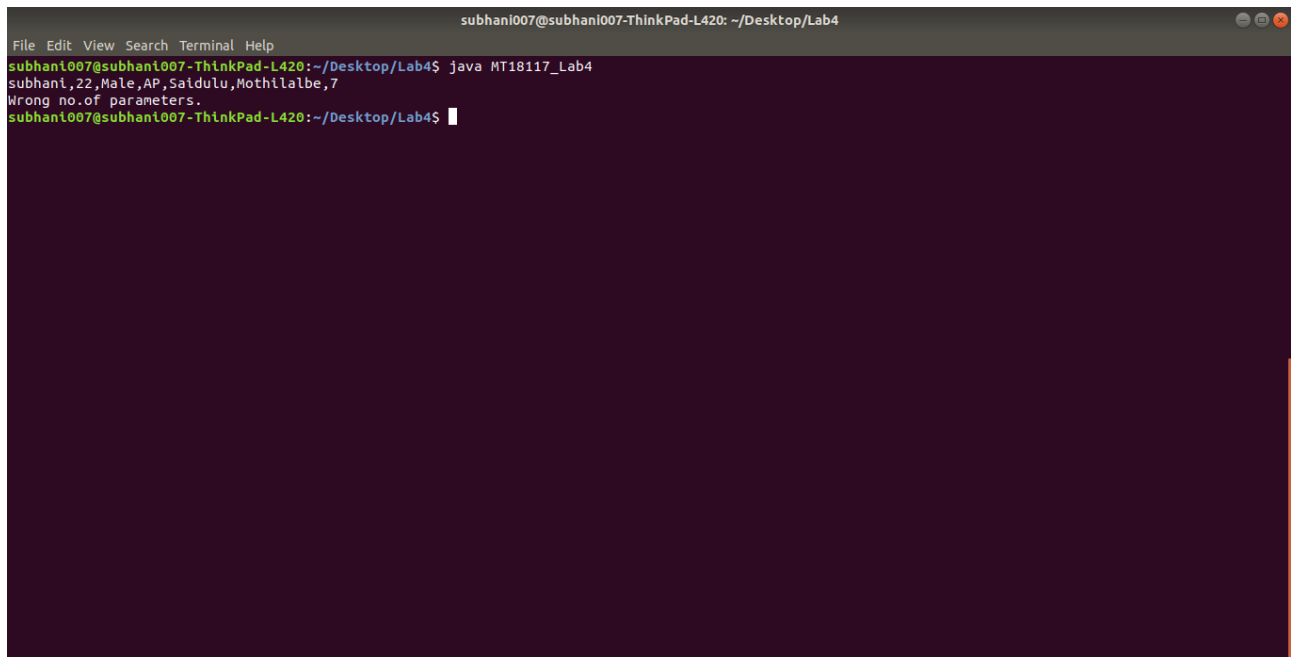
-----
Calling Thread:Personal Thread
-----Info-----
Personal Info
Name:Subhanti
Age:22
Gender:Male
City:Andhra Pradesh
-----
Family Info
Name:Subhanti
Father's Name:Saidulu
Mother's Name:Mothilalbe
City:Andhra Pradesh
-----
Calling Thread:Family Thread
-----Info-----
Personal Info
Name:Subhanti
Age:22
Gender:Male
City:Andhra Pradesh
-----
Family Info
Name:Subhanti
Father's Name:Saidulu
Mother's Name:Mothilalbe
City:Andhra Pradesh
-----
subhani007@subhani007-ThinkPad-L420:~/Desktop/Lab4$
```

2. When Input is given correctly and in Non-Synchronization of threads.

```
subhani007@subhani007-ThinkPad-L420: ~/Desktop/Lab4
File Edit View Search Terminal Help
subhani007@subhani007-ThinkPad-L420:~/Desktop/Lab4$ java MT18117_Lab4
Subhanti,22,Male,Andhra Pradesh,Saidulu,Mothilalbe

-----
Calling Thread:Family Thread
-----Info-----
-----
Calling Thread:Personal Thread
-----Info-----
Personal Info
Name:Subhanti
Age:22
Gender:Male
City:Andhra Pradesh
-----
Personal Info
Name:Subhanti
Age:22
Gender:Male
City:Andhra Pradesh
-----
Family Info
Name:Subhanti
Father's Name:Saidulu
Mother's Name:Mothilalbe
City:Andhra Pradesh
-----
Family Info
Name:Subhanti
Father's Name:Saidulu
Mother's Name:Mothilalbe
City:Andhra Pradesh
-----
subhani007@subhani007-ThinkPad-L420:~/Desktop/Lab4$
```

3. Wrong number of parameters in Input.



```
subhani007@subhani007-ThinkPad-L420: ~/Desktop/Lab4
File Edit View Search Terminal Help
subhani007@subhani007-ThinkPad-L420:~/Desktop/Lab4$ java MT18117_Lab4
subhani,22,Male,AP,Saidulu,Mothilalbe,7
Wrong no. of parameters.
subhani007@subhani007-ThinkPad-L420:~/Desktop/Lab4$
```

The screenshot shows a terminal window with a dark background. The title bar at the top reads "subhani007@subhani007-ThinkPad-L420: ~/Desktop/Lab4". The terminal content shows a user running a Java command: `java MT18117_Lab4`. The program outputs the string `subhani,22,Male,AP,Saidulu,Mothilalbe,7` and then displays the error message `Wrong no. of parameters.`. The prompt `subhani007@subhani007-ThinkPad-L420:~/Desktop/Lab4$` is visible at the bottom.