

Számítógép architektúrák

BSc

7.Gyak.

2023.11.21

Készítette:

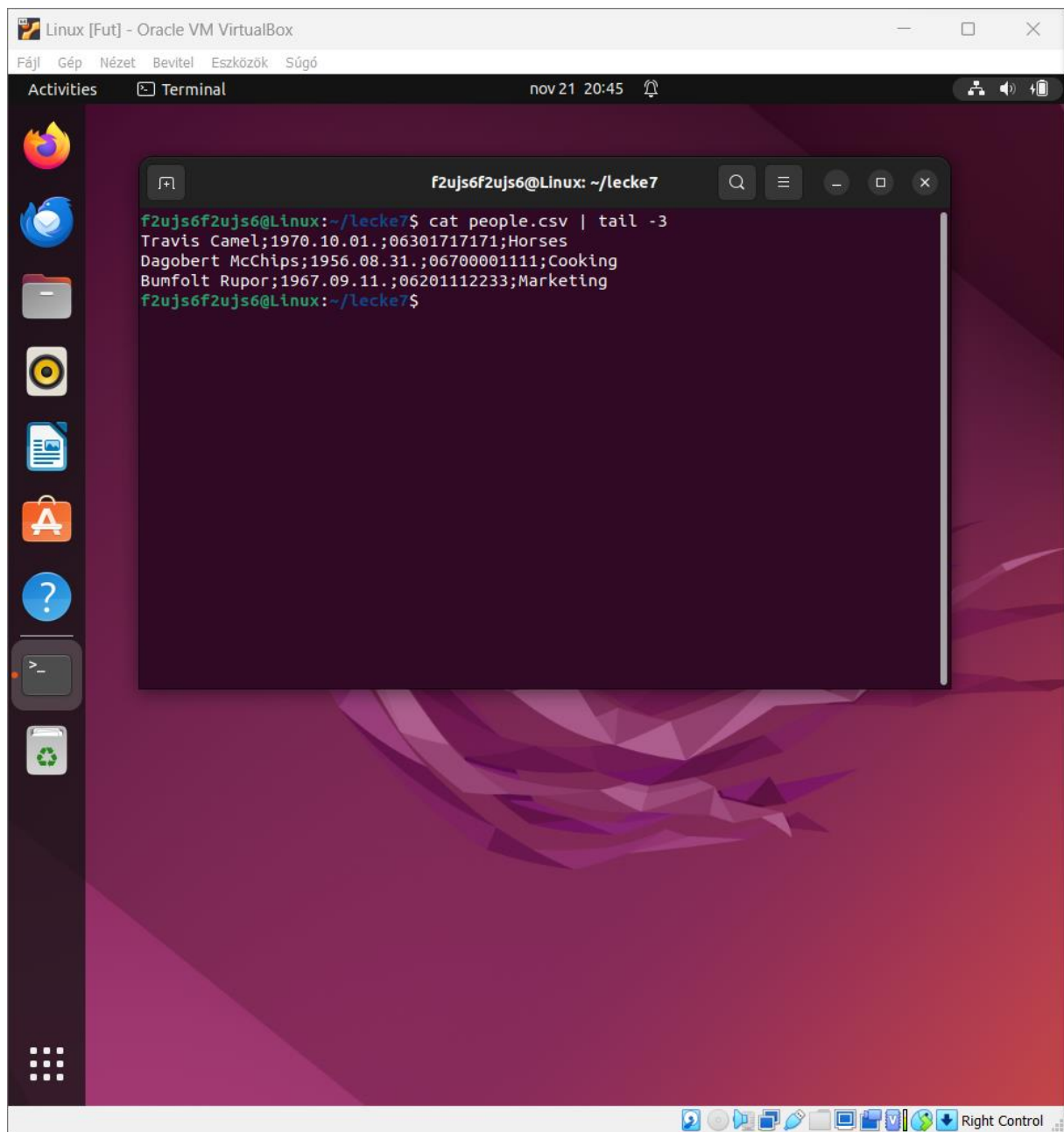
Soltész Viktor

GBP

F2UJS6

Miskolc, 2023

1. Írja ki a people.csv fájl utolsó három sorát



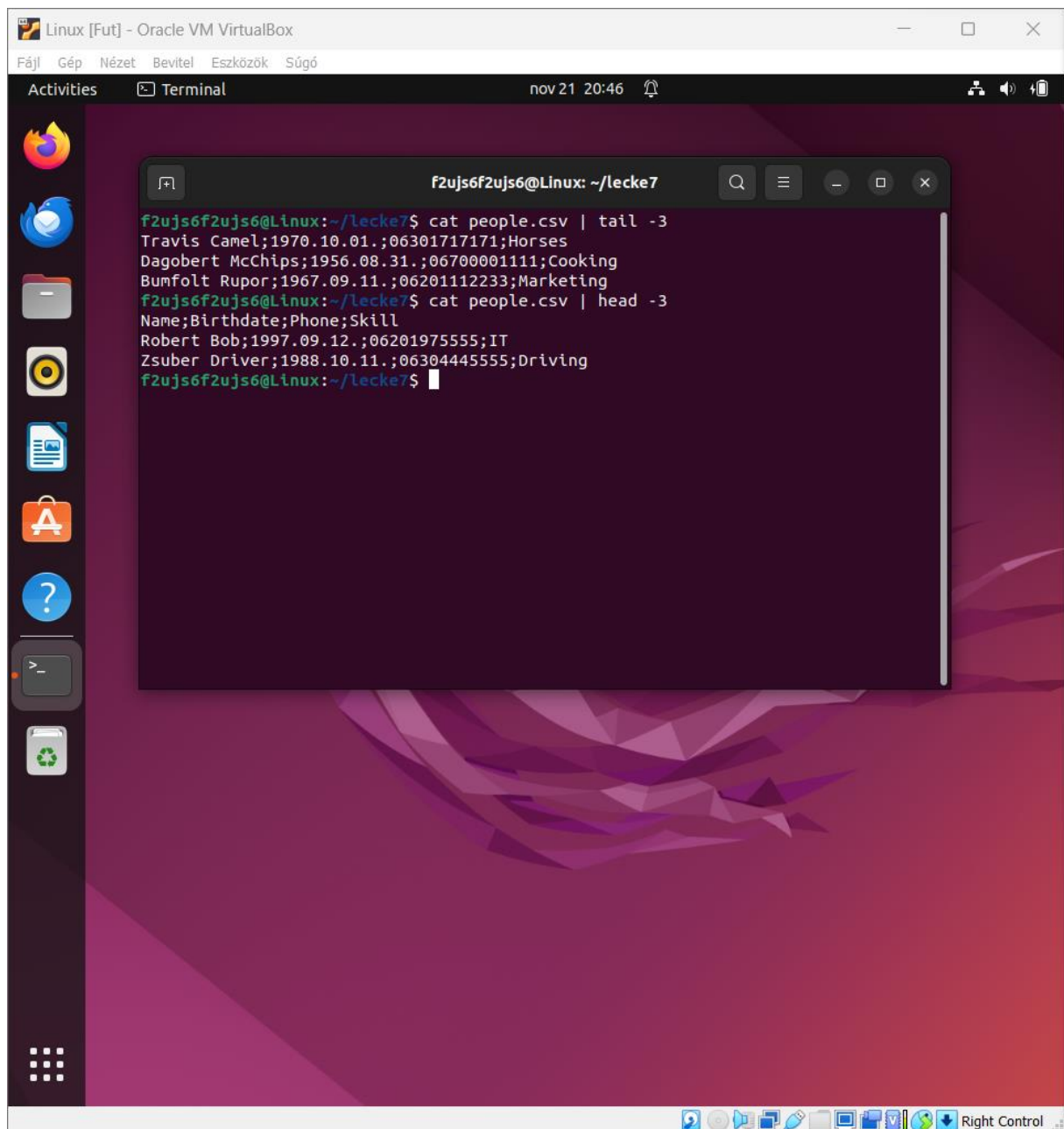
The screenshot shows a Linux desktop environment with a terminal window open. The terminal title is "f2ujs6f2ujs6@Linux: ~/lecke7". The command entered is `cat people.csv | tail -3`. The output shows the last three lines of the `people.csv` file, which are:

```
Travis Camel;1970.10.01.;06301717171;Horses
Dagobert McChips;1956.08.31.;06700001111;Cooking
Bumfolt Rupor;1967.09.11.;06201112233;Marketing
```

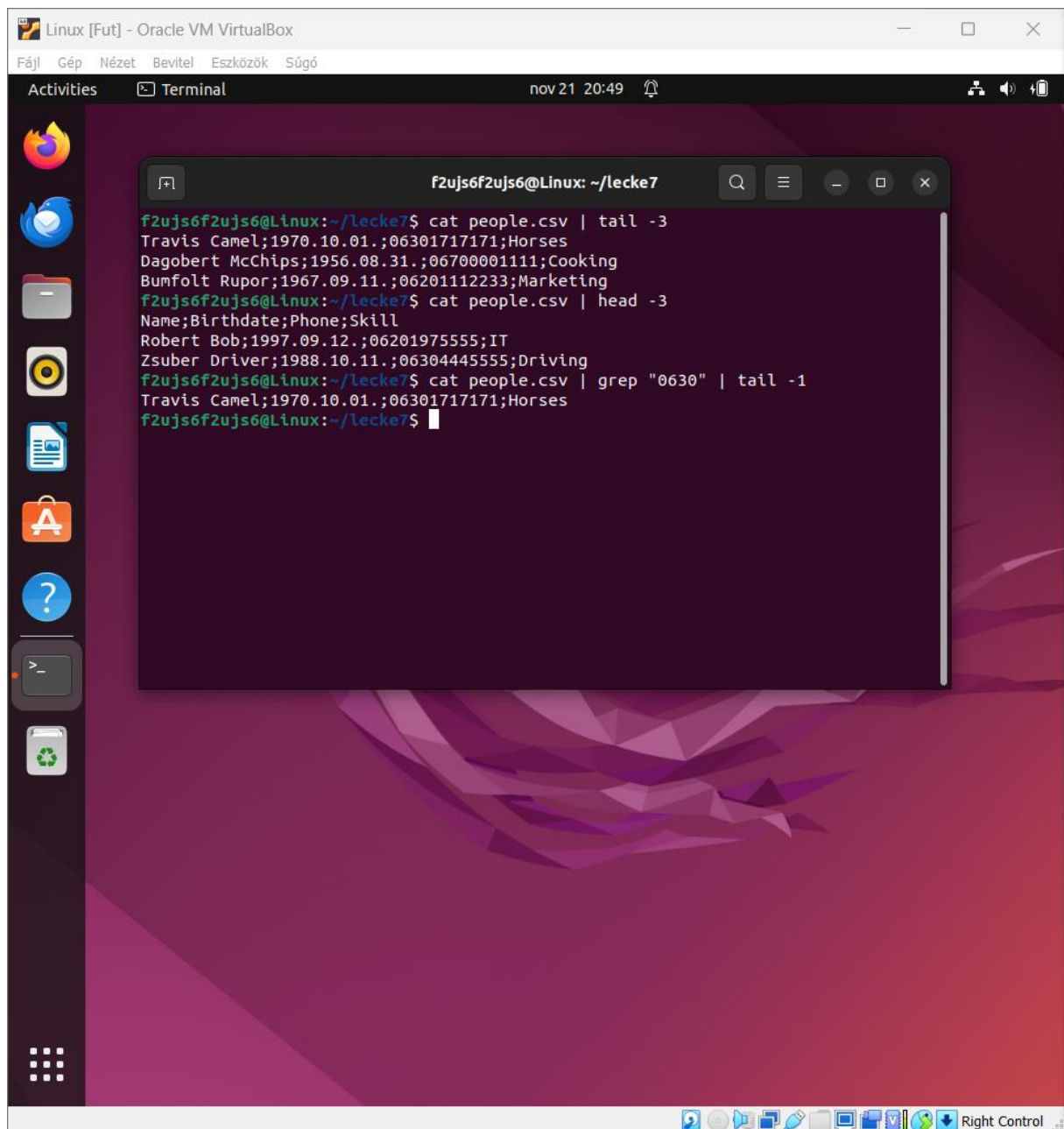
The terminal window is titled "f2ujs6f2ujs6@Linux: ~/lecke7". The command entered is `cat people.csv | tail -3`. The output shows the last three lines of the `people.csv` file, which are:

```
Travis Camel;1970.10.01.;06301717171;Horses
Dagobert McChips;1956.08.31.;06700001111;Cooking
Bumfolt Rupor;1967.09.11.;06201112233;Marketing
```

2. Írja ki a people.csv fájl első három sorát, fejléccel együtt!

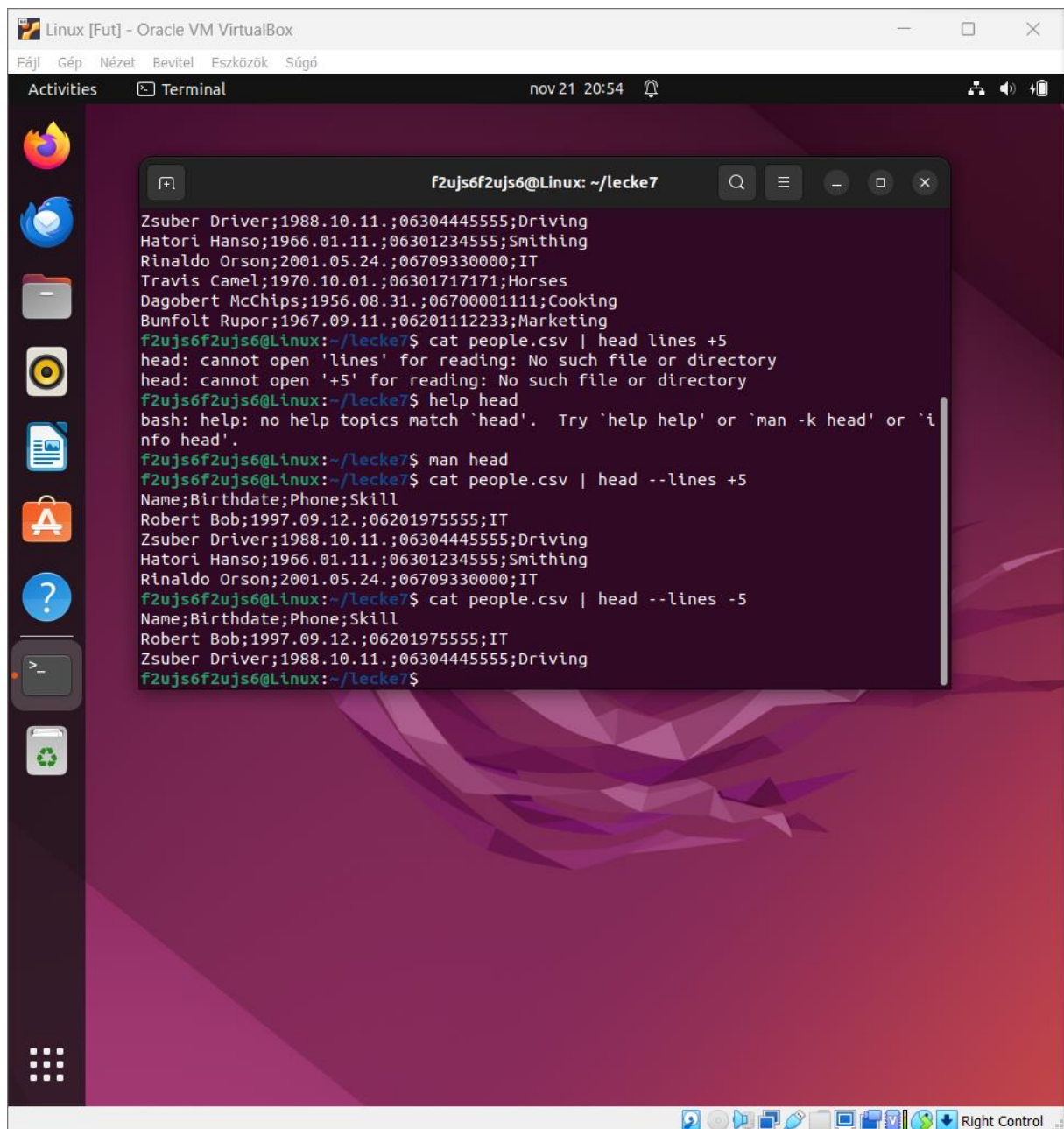


3. Írja ki a people.csv fájl utolsó olyan sorát, ahol a telefonszám harmincas!

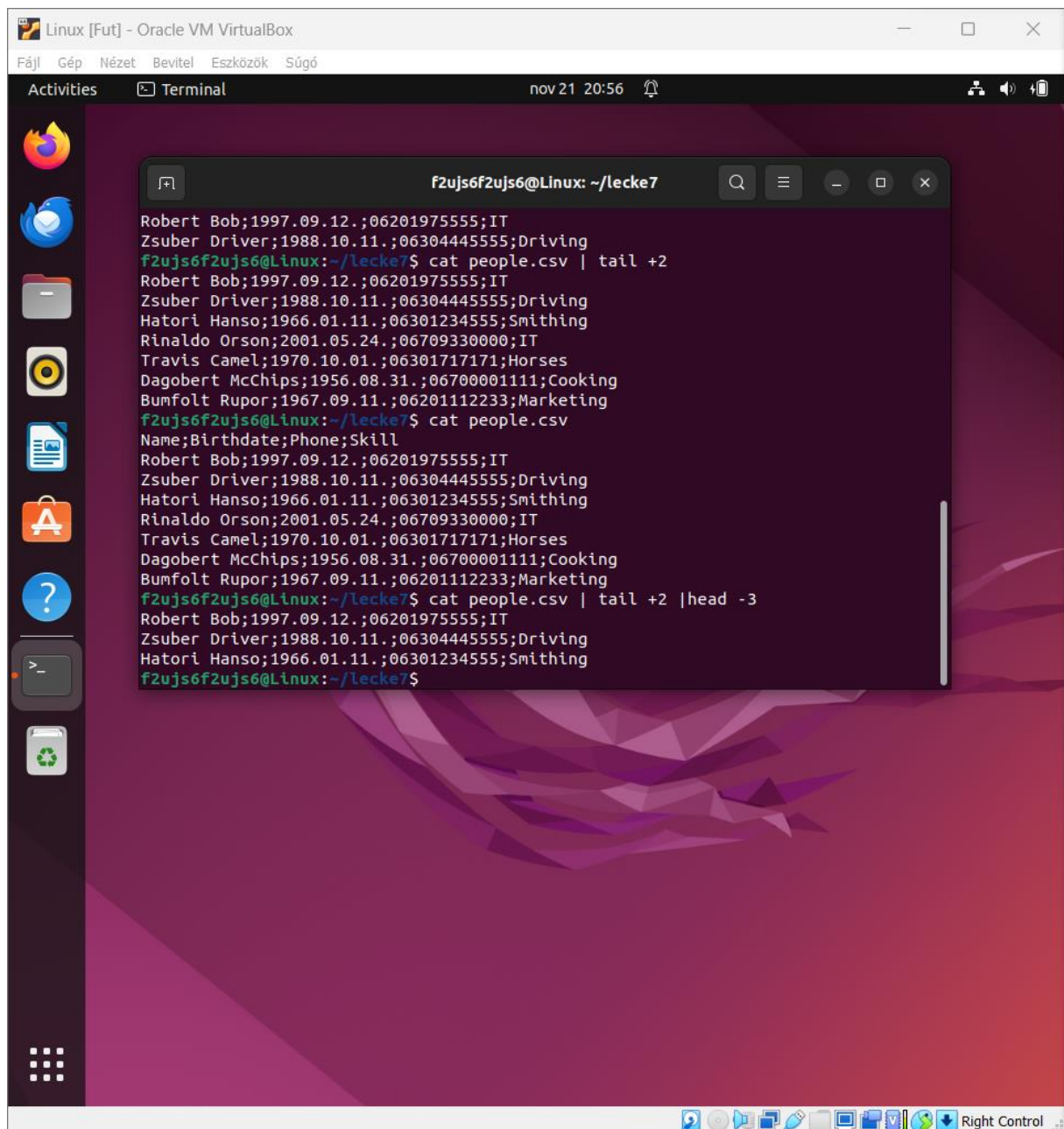


```
f2ujs6f2ujs6@Linux: ~/lecke7
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | tail -3
Travis Camel;1970.10.01.;06301717171;Horses
Dagobert McChips;1956.08.31.;06700001111;Cooking
Bumfolt Rupor;1967.09.11.;06201112233;Marketing
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | head -3
Name;Birthdate;Phone;Skill
Robert Bob;1997.09.12.;06201975555;IT
Zsuber Driver;1988.10.11.;06304445555;Driving
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | grep "0630" | tail -1
Travis Camel;1970.10.01.;06301717171;Horses
f2ujs6f2ujs6@Linux:~/lecke7$
```

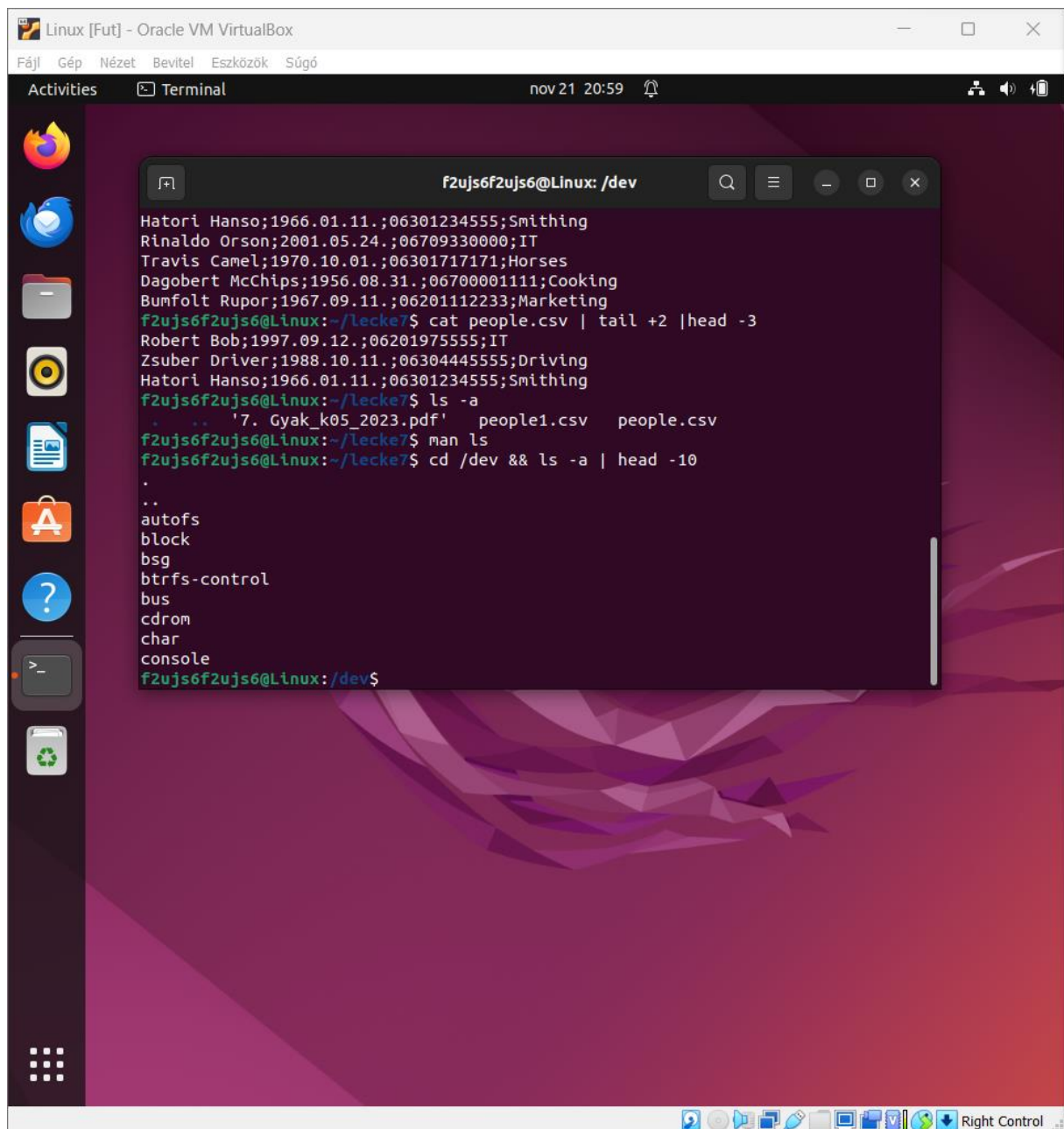
4. Írja ki a people.csv fájl összes sorát, kivéve az utolsó ötöt!



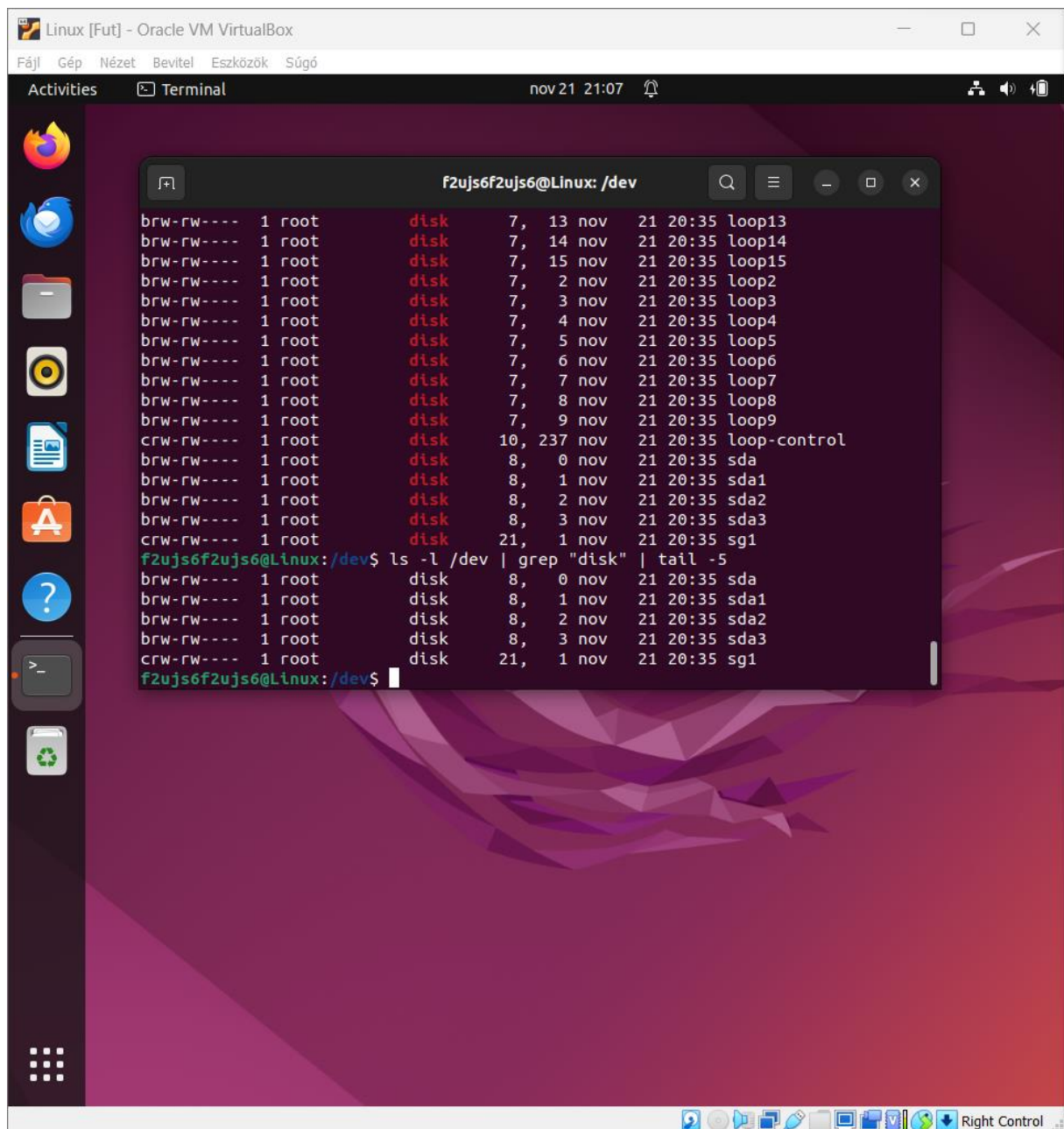
5. Írja ki a people.csv fájl első három sorát, fejléc nélkül!



6. Írja ki a /dev jegyzék első 10 fájlját vagy directory-ját, akkor is, ha azok rejtettek!



7. Írja ki a /dev jegyzék utolsó 5 diskjét (most tekintünk azokat a fájlokat disknek, amiknek a tulajdonos csoportja disk)!



8. Írja ki a people.csv fájlból csak az emberek neveit (a fejléc nélkül)!


```
f2ujs6f2ujs6@Linux: ~/lecke7
Try 'cut --help' for more information.
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -1
cut: invalid option -- '1'
Try 'cut --help' for more information.
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 1
Name
Robert Bob
Zsuber Driver
Hatori Hanso
Rinaldo Orson
Travis Camel
Dagobert McChips
Bumfolt Rupor
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | tail+2 | cut -d ";" -f 1
tail+2: command not found
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | tail +2 | cut -d ";" -f 1
Robert Bob
Zsuber Driver
Hatori Hanso
Rinaldo Orson
Travis Camel
Dagobert McChips
Bumfolt Rupor
f2ujs6f2ujs6@Linux:~/lecke7$
```

9. Írja ki a people.csv fájlból csak a telefonszámokat, és azokból is csak az első 20-ast!

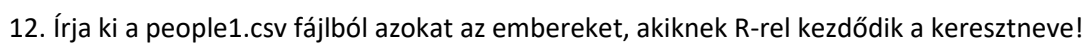
The screenshot shows a Linux desktop environment within an Oracle VM VirtualBox window. The desktop has a purple and red geometric background. On the left is a vertical dock with icons for Firefox, Twitter, a file manager, a media player, a document, an application store, a help icon, a terminal, and a recycling bin. At the bottom is a taskbar with various system icons and a 'Right Control' label. A terminal window is open in the center, displaying the following text:

```
f2ujs6f2ujs6@Linux: ~/lecke7
Rinaldo Orson
Travis Camel
Dagobert McChips
Bumfolt Rupor
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv
Name;Birthdate;Phone;Skill
Robert Bob;1997.09.12.;06201975555;IT
Zsuber Driver;1988.10.11.;06304445555;Driving
Hatori Hanso;1966.01.11.;06301234555;Smithing
Rinaldo Orson;2001.05.24.;06709330000;IT
Travis Camel;1970.10.01.;06301717171;Horses
Dagobert McChips;1956.08.31.;06700001111;Cooking
Bumfolt Rupor;1967.09.11.;06201112233;Marketing
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 3
Phone
06201975555
06304445555
06301234555
06709330000
06301717171
06700001111
06201112233
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 3 | grep "0620"
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 3 | grep "0620" | head -1
06201975555
f2ujs6f2ujs6@Linux:~/lecke7$
```

10. Írja ki a people.csv fájlból az emberek neveit betűrendben (csak a neveket).

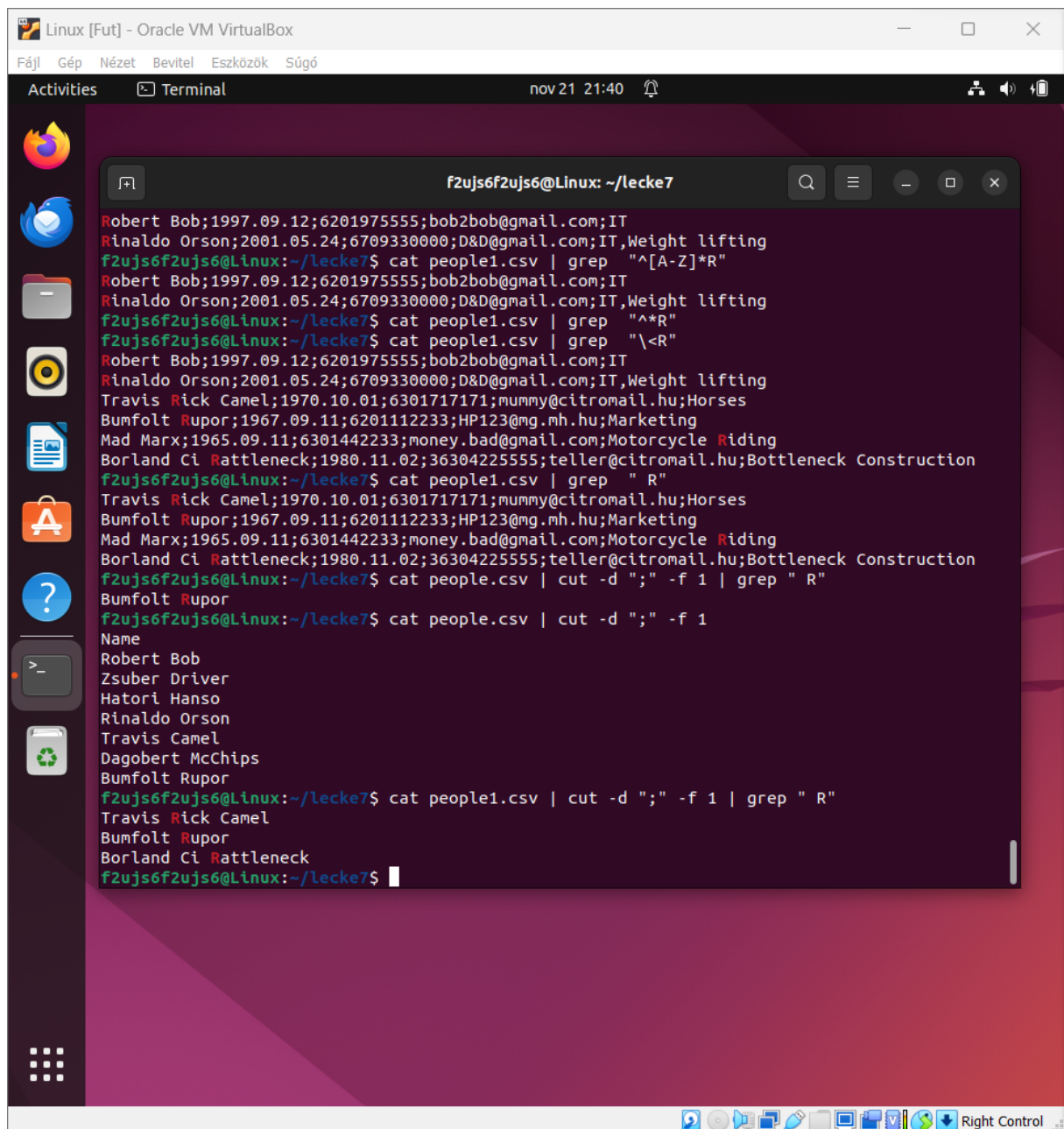
```
f2ujs6f2ujs6@Linux: ~/lecke7
Hatori Hanso;1966.01.11.;06301234555;Smithing
Rinaldo Orson;2001.05.24.;06709330000;IT
Travis Camel;1970.10.01.;06301717171;Horses
Dagobert McChips;1956.08.31.;06700001111;Cooking
Bumfolt Rupor;1967.09.11.;06201112233;Marketing
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 3
Phone
06201975555
06304445555
06301234555
06709330000
06301717171
06700001111
06201112233
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 3 | grep "0620"
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 3 | grep "0620" | head -1
06201975555
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 1 | tail +2 | sort
Bumfolt Rupor
Dagobert McChips
Hatori Hanso
Rinaldo Orson
Robert Bob
Travis Camel
Zsuber Driver
f2ujs6f2ujs6@Linux:~/lecke7$
```

11. Írja ki a people.csv fájlból a születési hónapokat (csak a hónapokat)!



```
f2ujs6f2ujs6@Linux: ~/lecke7
1956.08.31.
1967.09.11.
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 2 | tail +2 | cut -d "." -f2
09
10
01
05
10
08
09
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 2 | cut -d "." -f2
Birthdate
09
10
01
05
10
08
09
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 2 | cut -d "." -f2 | tail +2
09
10
01
05
10
08
09
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | grep "^R"
Robert Bob;1997.09.12.;06201975555;IT
Rinaldo Orson;2001.05.24.;06709330000;IT
f2ujs6f2ujs6@Linux:~/lecke7$ cat people1.csv | grep "^R"
Robert Bob;1997.09.12;6201975555;bob2bob@gmail.com;IT
Rinaldo Orson;2001.05.24;6709330000;D&D@gmail.com;IT,Weight lifting
f2ujs6f2ujs6@Linux:~/lecke7$
```

13. Írja ki a people1.csv fájlból azokat az embereket, akiknek R-rel kezdődik a vezetékneve!



```
f2ujs6f2ujs6@Linux: ~/lecke7
Robert Bob;1997.09.12;6201975555;bob2bob@gmail.com;IT
Rinaldo Orson;2001.05.24;6709330000;D&D@gmail.com;IT,Weight lifting
f2ujs6f2ujs6@Linux:~/lecke7$ cat people1.csv | grep "[A-Z]*R"
Robert Bob;1997.09.12;6201975555;bob2bob@gmail.com;IT
Rinaldo Orson;2001.05.24;6709330000;D&D@gmail.com;IT,Weight lifting
f2ujs6f2ujs6@Linux:~/lecke7$ cat people1.csv | grep "^*R"
f2ujs6f2ujs6@Linux:~/lecke7$ cat people1.csv | grep "\<R"
Robert Bob;1997.09.12;6201975555;bob2bob@gmail.com;IT
Rinaldo Orson;2001.05.24;6709330000;D&D@gmail.com;IT,Weight lifting
Travis Rick Camel;1970.10.01;6301717171;mummy@citromail.hu;Horses
Bumfolt Rupor;1967.09.11;6201112233;HP123@mg.mh.hu;Marketing
Mad Marx;1965.09.11;6301442233;money.bad@gmail.com;Motorcycle Riding
Borland Ci Rattleneck;1980.11.02;3630422555;teller@citromail.hu;Bottleneck Construction
f2ujs6f2ujs6@Linux:~/lecke7$ cat people1.csv | grep " R"
Travis Rick Camel;1970.10.01;6301717171;mummy@citromail.hu;Horses
Bumfolt Rupor;1967.09.11;6201112233;HP123@mg.mh.hu;Marketing
Mad Marx;1965.09.11;6301442233;money.bad@gmail.com;Motorcycle Riding
Borland Ci Rattleneck;1980.11.02;3630422555;teller@citromail.hu;Bottleneck Construction
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 1 | grep " R"
Bumfolt Rupor
f2ujs6f2ujs6@Linux:~/lecke7$ cat people.csv | cut -d ";" -f 1
Name
Robert Bob
Zsuber Driver
Hatori Hanso
Rinaldo Orson
Travis Camel
Dagobert McChips
Bumfolt Rupor
f2ujs6f2ujs6@Linux:~/lecke7$ cat people1.csv | cut -d ";" -f 1 | grep " R"
Travis Rick Camel
Bumfolt Rupor
Borland Ci Rattleneck
f2ujs6f2ujs6@Linux:~/lecke7$
```

14. Írja ki a people1.csv fájlból azokat az embereket, akiknek legalább két skillje van

The screenshot shows a Linux desktop environment within an Oracle VM VirtualBox window. The desktop has a purple and red geometric background. On the left is a dock with icons for Firefox, Telegram, a file manager, a media player, a document, an application store, a help icon, a terminal, and a recycling bin. At the bottom is a taskbar with various system icons and a 'Right Control' button. A terminal window is open in the center, displaying the output of a command to search for names with three spaces in a CSV file.

```
f2ujs6f2ujs6@Linux: ~/lecke7
Borland Ci Rattleneck;1980.11.02;36304225555;teller@citromail.hu;Bottleneck Cons
truction
Baileys Margareti;1999.12.09;6209876543;b1gdrink@HOND.hu;Drinking,Catering
Larry Lipstick;1988.07.22;36206547382;baby@gmail.com;Hairstyling
Inigo Montoya;1977.04.11;367065682;pr3pare@gmail.to;Swordfighting
f2ujs6f2ujs6@Linux:~/lecke7$ cat people1.csv | grep " "
Robert Bob;1997.09.12;6201975555;bob2bob@gmail.com;IT
Zsuber Driver;1988.10.11;6404445555;uber@gmail.com;Driving
Hatori Hanso;1966.01.11;63012345;jean'dark@gmail.com;Smithing
Rinaldo Orson;2001.05.24;6709330000;D&D@gmail.com;IT,Weight lifting
Travis Rick Camel;1970.10.01;6301717171;mummy@citromail.hu;Horses
Dagobert McChips;1956.08.31;67001111;clap.clapgmail.com;Cooking,Catery
Bumfolt Rupor;1967.09.11;6201112233;HP123@mg.mh.hu;Marketing
Mad Marx;1965.09.11;6301442233;money.bad@gmail.com;Motorcycle Riding
Borland Ci Rattleneck;1980.11.02;36304225555;teller@citromail.hu;Bottleneck Cons
truction
Baileys Margareti;1999.12.09;6209876543;b1gdrink@HOND.hu;Drinking,Catering
Larry Lipstick;1988.07.22;36206547382;baby@gmail.com;Hairstyling
Inigo Montoya;1977.04.11;367065682;pr3pare@gmail.to;Swordfighting
f2ujs6f2ujs6@Linux:~/lecke7$ cat people1.csv | grep ", "
Rinaldo Orson;2001.05.24;6709330000;D&D@gmail.com;IT Weight lifting
Dagobert McChips;1956.08.31;67001111;clap.clapgmail.com;Cooking,Catery
Baileys Margareti;1999.12.09;6209876543;b1gdrink@HOND.hu;Drinking,Catering
f2ujs6f2ujs6@Linux:~/lecke7$
```

15. Írja ki a people1.csv fájlból azokat az embereket, akiknek három neve van!