🤔 Reading and Writing Files: Exercises

Q1) For each name in `names.txt`, output the name and line number.

Input	Output
names.txt	1. Zena Engebretson 2. Celinda Bonavita 3. Lucio Persing 4. Juliette Severs 5. Kelly Humfeld 6. Franklyn Hornick 7. Newton Novello 8. Sammy Sheppard 9. Polly Bly 10. Genevive Finch 11. Teodora Etheredge 12. Sunshine Mcniff 13. Vicki Tito 14. Clemmie Birkhead 15. Mohammad Luz 16. Lissette Mellon 17. Mozell Mcduffie 18. Devin Bolten 19. Bridget Pottorff 20. Deedee Crumble

Q2) Two csv files about colours have been provided, one contains 20 colours, the other contains 213. Write a program that outputs the column headings and values for columns 2, 3 and 5. The first line in the csv file contains the column headings.

Input	Output		
colours_20.csv	RGB	HEX	English
	190-189-127	#BEBD7F	Green beige
	194-176-120	#C2B078	Beige
	198-166-100	#C6A664	Sand yellow
	229-190-001	#E5BE01	Signal yellow
	205-164-052	#CDA434	Golden yellow
	169-131-007	#A98307	Honey yellow
	228-160-016	#E4A010	Maize yellow
	220-156-000	#DC9D00	Daffodil yellow
	138-102-066	#8A6642	Brown beige
	199-180-070	#C7B446	Lemon yellow
	234-230-202	#EAE6CA	Oyster white
	225-204-079	#E1CC4F	Ivory
	230-214-144	#E6D690	Light ivory
	237-255-033	#EDFF21	Sulfur yellow
	245-208-051	#F5D033	Saffron yellow
	248-243-053	#F8F32B	Zinc yellow
	158-151-100	#9E9764	Grey beige
	153-153-080	#999950	Olive yellow
	250-210-001	#FAD201	Traffic yellow
colours_213.csv	RGB Code	HEX Code	English Name
	190-189-127	#BEBD7F	Green beige

194-176-120	#C2B078	Beige
198-166-100	#C6A664	Sand yellow
229-190-001	#E5BE01	Signal yellow
205-164-052	#CDA434	Golden yellow
169-131-007	#A98307	Honey yellow
228-160-016	#E4A010	Maize yellow
220-156-000	#DC9D00	Daffodil yellow
138-102-066	#8A6642	Brown beige
199-180-070	#C7B446	Lemon yellow
234-230-202	#EAE6CA	Oyster white
225-204-079	#E1CC4F	Ivory
230-214-144	#E6D690	Light ivory
237-255-033	#EDFF21	Sulfur yellow
245-208-051	#F5D033	Saffron yellow
248-243-053	#F8F32B	Zinc yellow
158-151-100	#9E9764	Grey beige
153-153-080	#999950	Olive yellow
250-210-001	#FAD201	Traffic yellow
174-160-075	#AEA04B	Ochre yellow
255-255-000	#FFFF00	Luminous yellow
157-145-001	#9D9101	Curry
244-169-000	#F4A900	Melon yellow

(etc… until colour 213)

Q3) Using the same colour csv files, write a program that outputs the number of times each of the following colours appear in the English Name:
- red
- green
- blue

Input	Output
colours_20.csv	Red: 0 Green: 0 Blue: 0
colours_213.csv	Red: 21 Green: 30 Blue: 25