

# Project 1 : Find me a recipe

Download a bunch of recipes on [marmiton.org](http://marmiton.org) and organise them by time of cooking

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# Project : The main ideas

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- ❑ big database of recipes
- ❑ print the main lines of a recipe
- ❑ sort them by time of cooking  
-sed / regex
- ❑ find new recipes on a website
- ❑ retrieve the url of a recipe ranked n°1



# Progress status (phase 1)

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## DONE:

**sed -n "1 p" ~/recipe.txt** → first line of the recipe book

**grep "^.\*\$" recipe.txt** → distinguish each line

**sed -n "1 p;5 p"** → print the lines 1 and 5

**sed -n "5p" recipe.txt | sed -e "s/^(.\*personnes))\).\*\$/1/" | sed -e "s/.\*\([0-9]\{2\}\)\).\*\([0-9]\{2\}\)\.\*\$/[1,2]/"** → print [15,30]



```
#!/bin/bash
```

## TO DO:

script that :

- show the first and fifth lines of each recipes
- retrieve time of cooking and time of preparation
- organise them by time of cooking

# Progress status (phase 2)

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## DONE:

```
for i in {0..50..10}
do
curl -s http://www.marmiton.org/recettes/recherche.aspx?aqt=$1\&start=$i >>
/tmp/raw
done
```

→ Loop retrieving the HTML content of the first six pages result and stores it in a temp file

```
/*<div class="m_search_titre_recette"><a href=.*>\(.*\)</a></div>/ { s/\1/p;}
```

→ Research in the HTML content the elements corresponding to this regex. Same thing for preparation time, cooking time, type of recipe and votes. Differs from the regex for the number of persons

```
...{ s/\1\r\n\2;/H;} g s/\r\n/;/gp (example)
```

→ Use of the hold buffer and pattern buffer via h, H and g



```
#!/bin/bash
```





# Progress status (phase 2)

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## DONE:

**sed -n -f total.sed /tmp/raw**

→ Extract the wanted data from the HTML retrieved using the total.sed file. total.sed contains every regex

**\$ ./marmiton.sh cheesecake 2** → Does a curl request on the page result for cheesecake

**sort --field-separator=';' -rn --key=\$2 |column -t -s ";"**

→ Sort decreasingly the data by votes, separating each element belonging to a certain column by a ';'.

**echo "What recipe are you searching for? :"**

**read recipe**

→ Ask the user to type in the thing he wants to prepare. Read retrieves the words

**case \$num in**

1)

**sed -n -f total.sed /tmp/raw | sort --field-separator=';' --key=1 |column -t -s ";"**

**;;**

2)

**...**

**esac**

→ According to what the user wanted to sort by, it launches the right command

# Testing Phase

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1. Launch the marmiton.sh script : **\$ ./marmiton.sh**
2. Add the recipe that you're looking for  
ex: **ratatouille**
3. Then sort the results by : title, votes, time ...



# Script using baguette

```
amelie@amelie-xubuntu:~/isepse2014/projects/marmiton$ ./marmiton.sh
```

```
What recipe are you searching for? :
```

```
baguette
```

```
Enter a number corresponding to the thing you want to sort by :
```

- 1) title
- 2) votes
- 3) type
- 4) preparation time
- 5) cooking time
- 6) number for which the recipe is done

```
3
```

Baguettes inratables d'Andréa	104	Accompagnement	45	25	3	baguettes
Baguette viennoise	27	Accompagnement - Végétarien	120	1200	6	personnes
Baguette tradition à la machine à pain	37	Accompagnement - Végétarien	120	30	2	baguettes
Pain baguette avec MAP cuisson au four	4	Accompagnement - Végétarien	180	30	6	personnes
Entre baguette viennoise et brioche	6	Accompagnement - Végétarien	20	20	2	moules
baguette viennoise briochée pour les petits matins	11	Accompagnement - Végétarien	20	20	3	baguettes
Baguette à la Jeannette	7	Amuse-gueule	10	25	6	personnes
baguette provencale	3	Amuse-gueule	10	30	4	personnes
Baguette aux lardons pour apéritifs	9	Amuse-gueule	10	4	4	personnes
Oshi Sushi	3	Amuse-gueule	120	20	10	personnes
Grillettes de baguette au sumon fumé, à l'anteh et carré frais	0	Amuse-gueule	15	15	4	personnes
Baguette farcie au surimi	1	Amuse-gueule	15	20		
Baguette surprise au St Moret	4	Amuse-gueule	15	25	1	baguette
Pain mosaïque (jambon ou saumon et thon)	5	Amuse-gueule	15	25	8	personnes
Baguette garnie	3	Amuse-gueule	20	25	8	personnes
Toast baguette fourrée	2	Amuse-gueule	20	30	45	pièces
Pain surprise au St Moret et jambon	1	Amuse-gueule	20	30	4	personnes

# Progress status (phase 3)

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- Add up preparation time and cooking time in order to ask how much time the user has to cook