



# Summer in San Francisco

Make your rain come true

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*Summary:*  
*California needs more rain!*

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# Chapter I

## Foreword



<https://www.youtube.com/watch?v=l5aZJBLAu1E>

Hi Hi! We're your Weather Girls Ah huh  
And have we got news for you You better listen!  
Get ready, all you lonely girls  
and leave those umbrellas at home. Alright!  
Humidity's rising, Barometer's getting low  
According to all sources, the street's the place to go  
Cause tonight for the first time  
Just about half-past ten  
For the first time in history  
It's gonna start raining men.  
It's Raining Men! Hallelujah!  
It's Raining Men! Amen  
I'm gonna go out, I'm gonna let myself get,  
Absolutely soaking wet!  
It's Raining Men! Hallelujah!  
It's Raining Men! Every Specimen!  
Tall, blonde, dark and lean  
Rough and tough and strong and mean

God bless Mother Nature, she's a single woman too  
She took off to heaven and she did what she had to do  
She taught every angel to rearrange the sky  
So that each and every woman could find her perfect guy  
It's Raining Men! Hallelujah!  
It's Raining Men! Amen!  
It's Raining Men! Hallelujah!  
It's Raining Men! Amen!  
I... feel... stormy... weather... moving... in  
About to begin  
With... the... thunder... don't... you... loose... your... head  
Rip off the roof and stay in bed!  
(Rip off the roof and stay in bed!) Oh!  
God bless Mother Nature, she's a single woman too  
She took off to heaven and she did what she had to do  
She taught every angel. She rearranged the sky  
So that each and every woman could find her perfect guy  
Oh, it's Raining Men, yeah!  
Humidity's rising, Barometer's getting low  
According to all sources, the street's the place to go  
Cause tonight for the first time  
Just about half-past ten  
For the first time in history  
It's gonna start raining men.  
It's Raining Men! Hallelujah!  
It's Raining Men! Amen!  
It's Raining Men! Hallelujah!  
It's Raining Men! Amen!  
It's Raining Men! Hallelujah!  
It's Raining Men! Amen!  
It's Raining Men! Hallelujah!  
It's Raining Men! Amen!  
It's Raining Men! Hallelujah!  
It's Raining Men! Amen!  
It's Raining Men! Hallelujah!  
It's Raining Men! Amen!

# Chapter II

## Goals

Today, you will summon the rain.

Summon The Rain. What you will need is a bowl, salt, water, and a tree. Now go outside and sit by a tree. pour the water in the bowl then the salt (as much salt as you want. So now you're supposed to chant: Here is where the rain has its birth. Give me the same control of mother earth. Let it pour with rein until the salt dissolves. Rain from far or near rain to cover all.

Then go inside, don't come back outside.

NOTE: Last time I tried this a tornado came towards my city and knocked over my neighbors basketball hoop. Be wise when deciding the salt amount.

# Chapter III

## Mandatory part

- Write a C function that takes a number as argument and prints that amount of clouds with rain.
- Rain length (in lines) will be  $n + 2$ .
- Rain start width (number of '/' in the first line) is  $5n - 1$ .
- Pay very close attention on the connection of the clouds!
- Your function will be graded like this (don't submit main, just your function):

```
void summer_in_sanfrancisco(int clouds);
int main()
{
    summer_in_sanfrancisco(4);
    return 0;
}
```

- If number is less than 1, display nothing.
- You are only allowed to use `write` function.
- You don't need to format your code according to Norminette, but it's a good idea.
- Submit your function with name `summer_in_sanfrancisco.c` in the folder `summer_in_sanfrancisco` at the root of your repository.

Examples:

```
$> ./summer_in_sanfrancisco 0
$> ./summer_in_sanfrancisco 1
  ~~~~
~{CLOUD}~
~{CLOUD}~
  ~~~~
  ///
  ///
  ///
$> ./summer_in_sanfrancisco 1 | cat -e
  ~~~~$
~{CLOUD}~$
~{CLOUD}~$
  ~~~~$
  ///$
  ///$
  ///$
$> ./summer_in_sanfrancisco 2
  ~~~~  ~~~~
~{CLOUD}~{CLOUD}~
~{CLOUD}~{CLOUD}~
  ~~~~  ~~~~
  /// //
  /// //
  /// //
  /// //
$> ./summer_in_sanfrancisco 3
  ~~~~  ~~~~  ~~~~
~{CLOUD}~{CLOUD}~{CLOUD}~
~{CLOUD}~{CLOUD}~{CLOUD}~
  ~~~~  ~~~~  ~~~~
  /// // //
  /// // //
  /// // //
  /// // //
$>
```

# Chapter IV

## Turn-in and peer-evaluation

Turn your work in using your `git` repository, as usual. Only work present on your repository will be graded.