

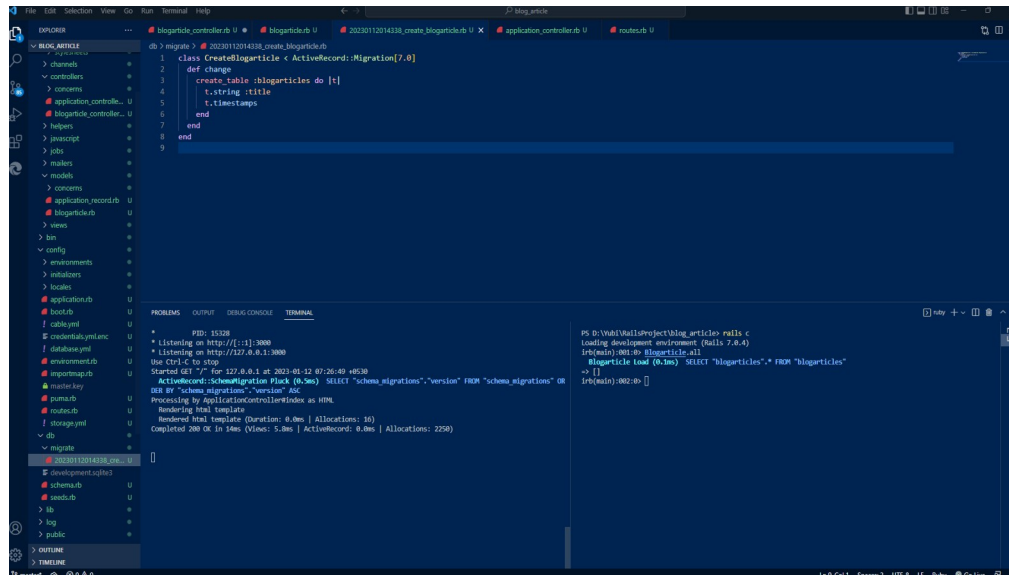
## Creating Blog Article API and adding data through rails cmd

### Task 1: Creating a blogarticle controller

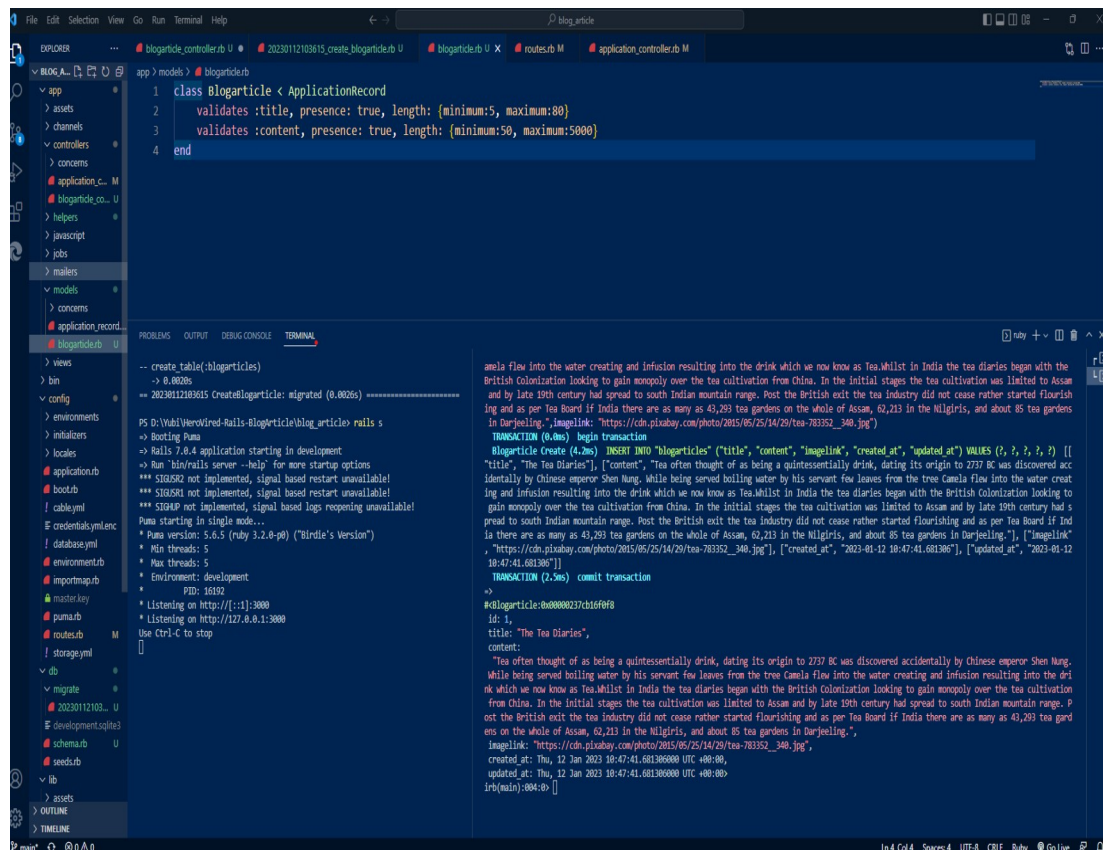
> rails generate controller blogarticle

### Migration file creation

> rails generate migrate create\_blogarticle



### Task 2: Inserting data through rails c



```
45 # Use Sass to process CSS
46 # gem "sassc-rails"
47
48 # Use Active Storage variants [https://guides.rubyonrails.org/active_storage_overview.html#transforming-images]
49 # gem "image_processing", "~> 1.2"
50
51 group :development, :test do
52   # See https://guides.rubyonrails.org/debugging_rails_applications.html#debugging-with-the-debug-gem
53   gem "debug", platforms: %i[ mri mingw x64_mingw ]
54 end
55
56 group :development do
57   # Use console on exceptions pages [https://github.com/rails/web-console]
58   gem "web-console"
59 end
```

```
>> Run 'bin/rails server --help' for more startup options
*** SIGUSR2 not implemented, signal based restart unavailable!
*** SIGUSR1 not implemented, signal based restart unavailable!
*** SIGALRM not implemented, signal based logs reopening unavailable!
Puma starting in single mode...
* Puma version: 5.6.5 (ruby 3.2.0-p0) ("Birdie's Version")
* Min threads: 5
* Max threads: 5
* Environment: development
* PID: 16592
* Listening on http://[::]:3000
* Listening on http://127.0.0.1:3000
Use Ctrl-C to stop

Irb(main):037:0> newblog = Blogarticle.new
-> #<Blogarticle:0x00000237c304dc00 id: nil, title: nil, content: nil, imagelink: nil, created_at: nil, updated_at: nil>
Irb(main):038:0>
Irb(main):039:0> newblog.title = "Tasse des Leben"
-> "Tasse des Leben"
Irb(main):040:0> newblog.content = "There is something in the nature of tea that leads us into a world of quiet contemplation of life. Lin Yutang
. With each infusion steeped in memories, moments, places each cup of tea lingers life in it. "
-> "There is something in the nature of tea that leads us into a world of quiet contemplation of life. Lin Yutang. With each infusion stee...
Irb(main):041:0> newblog.imagelink = "https://cdn.pixabay.com/photo/2016/11/29/12/52/coffee-1869647_1280.jpg"
-> "https://cdn.pixabay.com/photo/2016/11/29/12/52/coffee-1869647_1280.jpg"
Irb(main):042:0> newblog.save
TRANSACTION (0.1ms) begin transaction
Blogarticle Create (0.5ms) INSERT INTO "blogarticles" ("title", "content", "imagelink", "created_at", "updated_at") VALUES (?, ?, ?, ?, ?) [
  ["title", "Tasse des Leben"], ["content", "There is something in the nature of tea that leads us into a world of quiet contemplation of life. Lin
  Yutang. With each infusion steeped in memories, moments, places each cup of tea lingers life in it. "], ["imagelink", "https://cdn.pixabay.com/
  photo/2016/11/29/12/52/coffee-1869647_1280.jpg"], ["created_at", "2023-01-12 12:06:04.773208"], ["updated_at", "2023-01-12 12:06:04.773208"]]
TRANSACTION (1.9ms) commit transaction
-> true
Irb(main):043:0> []
```

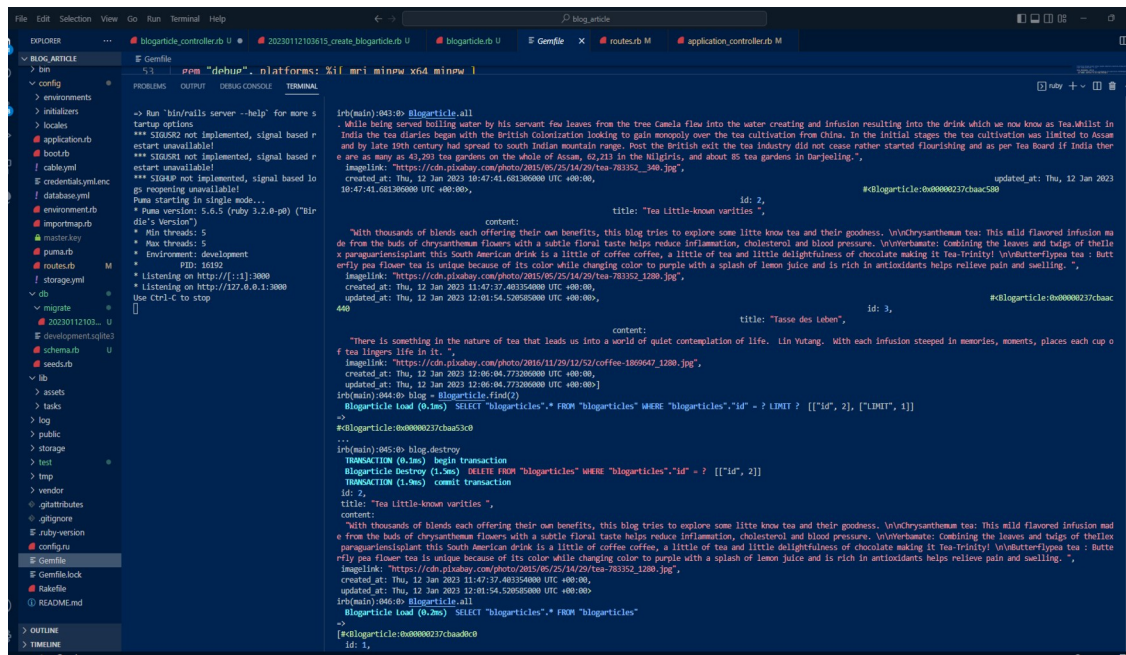
### Task 3: Updating data

```
45 # Use Sass to process CSS
46 # gem "sassc-rails"
47
48 # Use Active Storage variants [https://guides.rubyonrails.org/active_storage_overview.html#transforming-images]
49 # gem "image_processing", "~> 1.2"
50
51 group :development, :test do
52   # See https://guides.rubyonrails.org/debugging_rails_applications.html#debugging-with-the-debug-gem
53   gem "debug", platforms: %i[ mri mingw x64_mingw ]
54 end
55
56 group :development do
57   # Use console on exceptions pages [https://github.com/rails/web-console]
58   gem "web-console"
59 end
```

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>> Run 'bin/rails server --help' for more startup options
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* Min threads: 5
* Max threads: 5
* Environment: development
* PID: 16592
* Listening on http://[::]:3000
* Listening on http://127.0.0.1:3000
Use Ctrl-C to stop

Irb(main):030:0>
Irb(main):031:0> blog = Blogarticle.find(2)
Blogarticle Load (0.1ms) SELECT "blogarticles".* FROM "blogarticles" WHERE "blogarticles"."id" = ? LIMIT ? [[:id], 2], [:"LIMIT", 1]]
->
#<Blogarticle:0x00000237c304dc00>
...
Irb(main):032:0> blog.content
-> "With thousands of blends each offering their own benefits, this blog tries to explore some little know tea and their goodness. \n\nChrysanthem
un tea: This mild flavored infusion made from the buds of chrysanthemum flowers with a subtle floral taste helps reduce inflammation, cholesterol
and blood pressure. \n\nYerba mate: Combining the leaves and twigs of the South American plant this South American drink is a little of coffee
coffee, a little of tea and little delightfulness of chocolate making it Tea-Trinity! \n\nButterfly pea tea: Butterfly pea flower tea is unique
because of its color while changing color to purple with a splash of lemon juice and is rich in antioxidants helps relieve pain and swelling."
Irb(main):033:0>
Irb(main):034:0>
Irb(main):035:0> blog.content
-> "With thousands of blends each offering their own benefits, this blog tries to explore some little know tea and their goodness. \n\nChrysanthem
un tea: This mild flavored infusion made from the buds of chrysanthemum flowers with a subtle floral taste helps reduce inflammation, cholesterol
and blood pressure. \n\nYerba mate: Combining the leaves and twigs of the South American plant this South American drink is a little of coffee
coffee, a little of tea and little delightfulness of chocolate making it Tea-Trinity! \n\nButterfly pea tea: Butterfly pea flower tea is unique
because of its color while changing color to purple with a splash of lemon juice and is rich in antioxidants helps relieve pain and swelling."
Irb(main):036:0> []
```

## Task 4 : Deleting data



```
File Edit Selection View Go Run Terminal Help
EXPLORER
  bin
  config
  db
  lib
  log
  public
  storage
  tmp
  vendor
  .github
  .gitignore
  .ruby-version
  .config.ru
  Gemfile
  Gemfile.lock
  README.md
  routes.rb
  application_controller.rb

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

irb(main):043:0> Blogarticle.all
=>
Blogarticle load (0.2ms) SELECT "blogarticles".* FROM "blogarticles"
=>
[#<Blogarticle:0x00000237c8a8ec60
 id: 1,
 title: "The Tea Diaries",
 content: "Tea often thought of as being a quintessentially drink, dating its origin to 2737 BC was discovered accidentally by Chinese emperor Shen Nung. While bei
ng served boiling water by his servant few leaves from the tree Camelia flew into the water creating and infusion resulting into the drink which we now know
as Tea.Whilst in India the tea diaries began with the British Colonization looking to gain monopoly over the tea cultivation from China. In the initial stag
es the tea cultivation was limited to Assam and by late 19th century had spread to south Indian mountain range. Post the British exit the tea industry did n
ot cease rather started flourishing and as per Tea Board if India there are as many as 43,293 tea gardens on the whole of Assam, 62,213 in the Nilgiris, and
about 85 tea gardens in Darjeeling.",
 imagelink: "https://cdn.pixabay.com/photo/2015/05/25/14/29/tea-783352_340.jpg",
 created_at: Thu, 12 Jan 2023 10:47:41.681306000 UTC +00:00,
 updated_at: Thu, 12 Jan 2023 10:47:41.681306000 UTC +00:00>]
#<Blogarticle:0x00000237c8a8eb20
 id: 3,
 title: "Tasse des Leben",
 content: "There is something in the nature of tea that leads us into a world of quiet contemplation of life. Lin Yutang. With each infusion steeped in memories,
moments, places each cup of tea lingers life in it. ",
 imagelink: "https://cdn.pixabay.com/photo/2016/11/29/12/52/coffee-1869647_1280.jpg",
 created_at: Thu, 12 Jan 2023 12:06:04.773206000 UTC +00:00,
 updated_at: Thu, 12 Jan 2023 12:06:04.773206000 UTC +00:00>]
irb(main):044:0> []
```



```
apps: [https://github.com/rails/spring]

irb(main):047:0> Blogarticle.all
=>
Blogarticle load (0.2ms) SELECT "blogarticles".* FROM "blogarticles"
=>
[#<Blogarticle:0x00000237c8a8ec60
 id: 1,
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 id: 3,
 title: "Tasse des Leben",
 content: "There is something in the nature of tea that leads us into a world of quiet contemplation of life. Lin Yutang. With each infusion steeped in memories,
moments, places each cup of tea lingers life in it. ",
 imagelink: "https://cdn.pixabay.com/photo/2016/11/29/12/52/coffee-1869647_1280.jpg",
 created_at: Thu, 12 Jan 2023 12:06:04.773206000 UTC +00:00,
 updated_at: Thu, 12 Jan 2023 12:06:04.773206000 UTC +00:00>]
irb(main):048:0> []
```



```
127.0.0.1:3000/blogarticle

JSON Raw Data Headers
Save Copy Collapse All Expand All Filter JSON

▼ 0:
  id: 1
  title: "The Tea Diaries"
  content: "Tea often thought of as being a quintessentially drink, dating its origin to 2737 BC was discovered accidentally by Chinese emperor Shen Nung. While bei
ng served boiling water by his servant few leaves from the tree Camelia flew into the water creating and infusion resulting into the drink which we now know
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  imagelink: "https://cdn.pixabay.com/photo/2015/05/25/14/29/tea-783352_340.jpg"
  created_at: "2023-01-12T10:47:41.681Z"
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▼ 1:
  id: 3
  title: "Tasse des Leben"
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