A Report on Simple Blog Project

Course code: INT222
Section: KM014

Submitted by:-
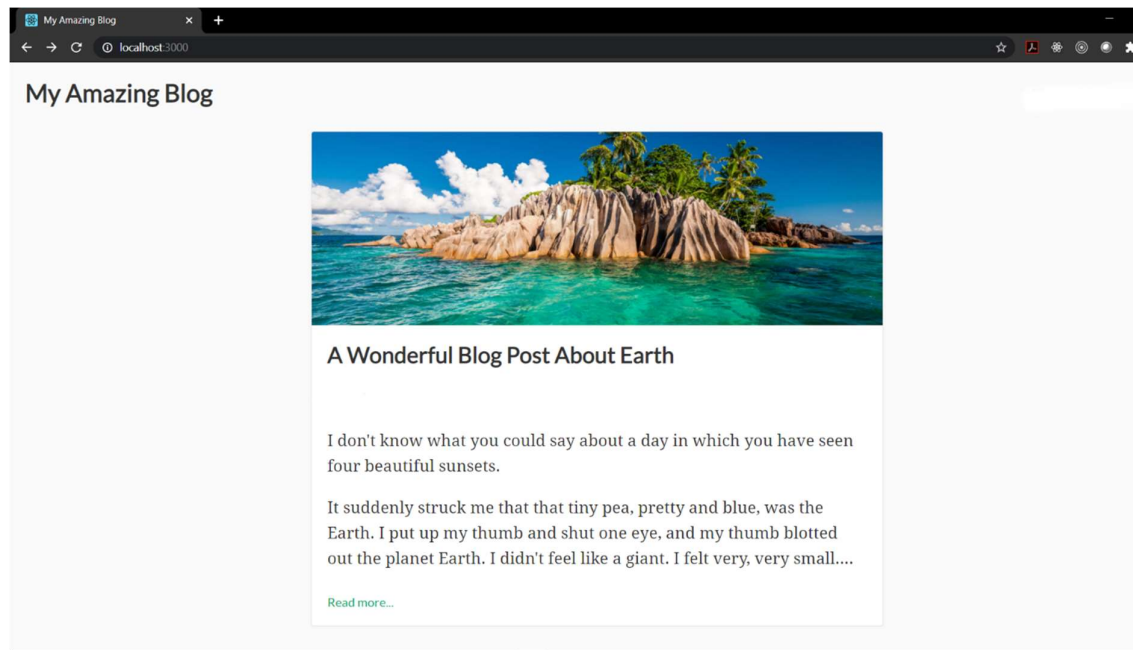
Name: Gurkeerat Singh
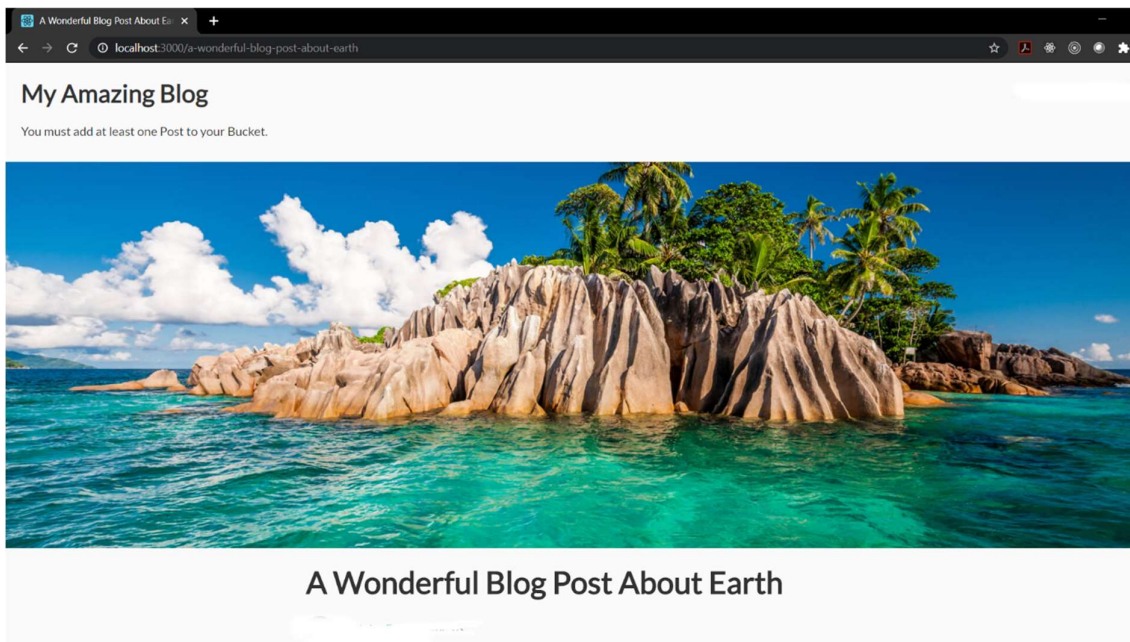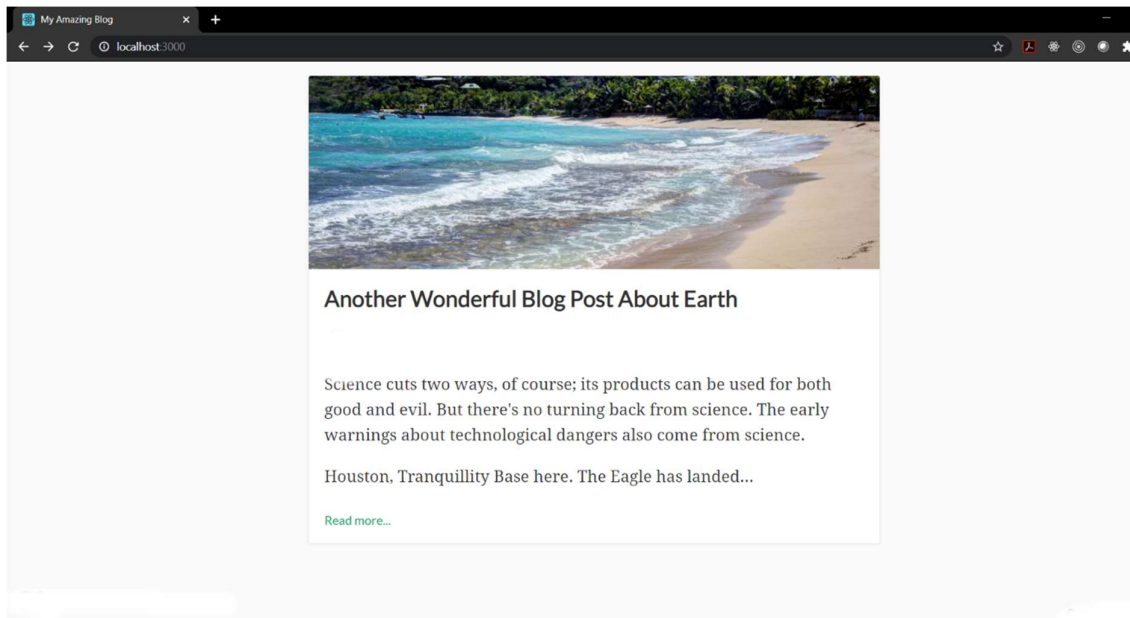
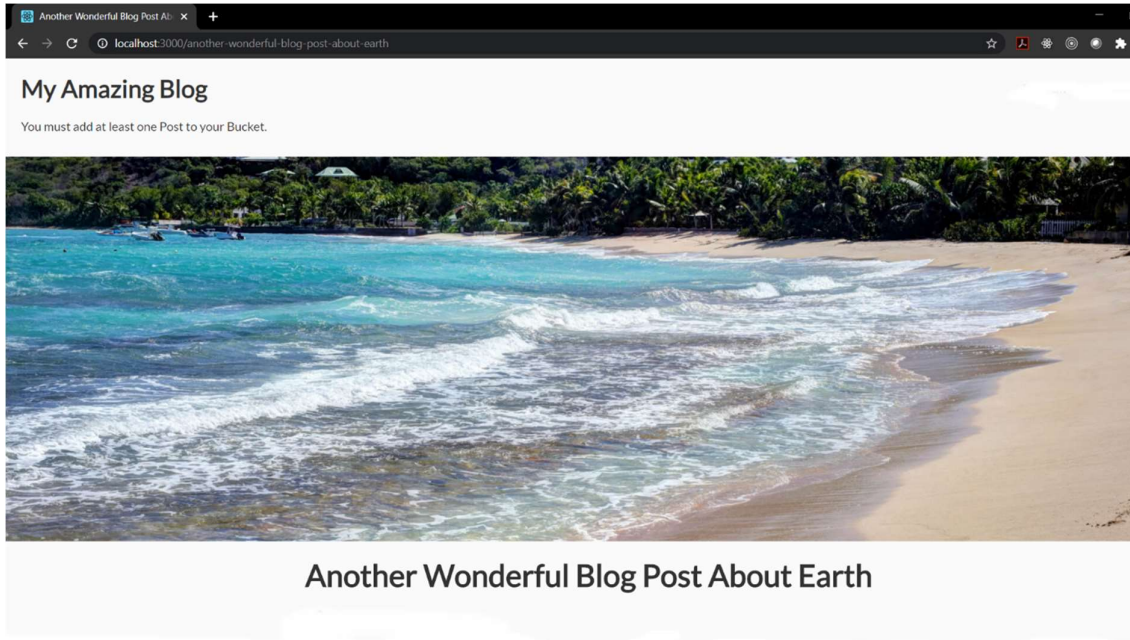Roll No.:   66

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Submitted to:-

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Github Link : https://github.com/gurkeerat500/Simple-Blog

Another Wonderful Blog Post About Earth

Science cuts two ways, of course; its products can be used for both good and evil. But there's no turning back from science. The early warnings about technological dangers also come from science.

Houston, Tranquillity Base here. The Eagle has landed...

Read more...

My Amazing Blog

You must add at least one Post to your Bucket.

A Wonderful Blog Post About Earth

localhost:3000/another-wonderful-blog-post-about-earth

My Amazing Blog

You must add at least one Post to your Bucket.

Another Wonderful Blog Post About Earth

EXPLORER

JS app.js

SIMPLE-BLOG-MASTER
- node_modules
- public
- views
- .gitignore
- JS app.js
- JS helpers.js
- LICENSE
- package-lock.json
- package.json

```js
const express = require('express')
const app = express()
const hogan = require('hogan-express')
const http_module = require('http')
const async = require('async')
const http = http_module.Server(app)
app.engine('html', hogan)
app.set('port', (process.env.PORT || 3000))
app.use('/', express.static(__dirname + '/public/'))
const Cosmic = require('cosmicjs')
const helpers = require('./helpers')
const bucket_slug = process.env.COSMIC_BUCKET || 'simple-blog-website'
const read_key = process.env.COSMIC_READ_KEY
const config = {
  bucket: {
    slug: bucket_slug,
    read_key: read_key
  }
}
const partials = {
  header: 'partials/header',
  footer: 'partials/footer'
}
app.use('/', (req, res, next) => {
  res.locals.year = new Date().getFullYear()
  next()
})
// Home
app.get('/', (req, res) => {
  Cosmic.getObjects(config, (err, response) => {
    const cosmic = response
    if (cosmic.objects.type.posts) {
      cosmic.objects.type.posts.forEach(post => {
        const friendly_date = helpers.friendlyDate(new Date(post.created_at))
        post.friendly_date = friendly_date.month + ' ' + friendly_date.date
      })
    } else {
      cosmic.no_posts = true
```

OUTLINE

TIMELINE

NPM SCRIPTS

```javascript
module.exports = {
  friendlyDate: function (a) {
    var months = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec'];
    var days = ['Sun', 'Mon', 'Tues', 'Wed', 'Thurs', 'Fri', 'Sat'];
    var year = a.getFullYear();
    var month = months[a.getMonth()];
    var day = days[a.getDay()];
    var date = a.getDate();
    var hour = a.getHours();
    var min = a.getMinutes();
    var sec = a.getSeconds();
    var time_friendly = this.getTime(a);
    var time = {
      day: day,
      date: date,
      month: month,
      year: year,
      hour: hour,
      min: min,
      sec: sec,
      time_friendly: time_friendly
    }
    return time;
  },
  getTime: function (date) {
    var hours = date.getHours();
    var minutes = date.getMinutes();
    var ampm = hours >= 12 ? 'pm' : 'am';
    hours = hours % 12;
    hours = hours ? hours : 12; // the hour '0' should be '12'
    minutes = minutes < 10 ? '0' + minutes : minutes;
    var strTime = hours + ':' + minutes + ampm;
    return strTime;
  }
}
```

```html
{{> header }}
  <main class="container">
    <h2 class="author-page-title">Posts by {{ author.title }}</h2>
    {{# cosmic.objects.type.posts }}
      <div class="card" data-href="/{{ slug }}">
        {{# metadata.hero.imgix_url }}
          <div class="blog-post-hero blog-post-hero--short" style="background-image: url({{ metadata.hero.imgix_url }})"></div>
        {{/ metadata.hero.imgix_url }}
        <div class="card-padding">
          <h2 class="blog__title blog__title--small">
            <a href="/{{ slug }}">{{ title }}</a>
          </h2>
          <div class="blog__author">
            <a href="/author/{{ metadata.author.slug }}">
              <div class="blog__author-image" style="background-image: url({{ metadata.author.metadata.image.imgix_url }}?w=100)"></div>
            </a>
            <div class="blog__author-title">by <a href="/author/{{ metadata.author.slug }}">{{ metadata.author.title }}</a> on {{ friendly_dat
            <div class="clearfix"></div>
          </div>
          <div class="blog__teaser droid">{{{ metadata.teaser }}}</div>
          <div class="blog__read-more">
            <a href="/{{ slug }}">Read more...</a>
          </div>
        </div>
      </div>
    {{/ cosmic.objects.type.posts }}
  </main>
{{> footer }}
```

index.html - simple-blog-master - Visual Studio Code

helpers.js   author.html   index.html ✕

views › index.html › main.container › div.card › div.card-padding

```html
1   {{> header }}
2   <main class="container">
3     {{# cosmic.objects.type.posts }}
4     <div class="card" data-href="/{{ slug }}">
5       {{# metadata.hero.imgix_url }}
6       <div class="blog-post-hero blog-post-hero--short" style="background-image: url({{ metadata.hero.imgix_url }})">
7       </div>
8       {{/ metadata.hero.imgix_url }}
9       <div class="card-padding">
10        <h2 class="blog__title blog__title--small">
11          <a href="/{{ slug }}">{{ title }}</a>
12        </h2>
13        <div class="blog__author">
14          <a href="/author/{{ metadata.author.slug }}">
15            <div class="blog__author-image"
16              style="background-image: url({{ metadata.author.metadata.image.imgix_url }}?w=100)"></div>
17          </a>
18          <div class="blog__author-title">by <a href="/author/{{ metadata.author.slug }}">{{ metadata.author.title }}</a>
19            on {{ friendly_date }}</div>
20          <div class="clearfix"></div>
21        </div>
22        <div class="blog__teaser droid">{{{ metadata.teaser }}}</div>
23        <div class="blog__read-more">
24          <a href="/{{ slug }}">Read more...</a>
25        </div>
26      </div>
27    </div>
28    {{/ cosmic.objects.type.posts }}
29  </main>
30  {{> footer }}
```

master*   14 0   Live Share   Ln 9, Col 31   Spaces: 2   UTF-8   LF   HTML   Go Live

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helpers.js   author.html   index.html   post.html ✕

SIMPLE-BLOG-MASTER

views › post.html › main.main › div.container › h1

```html
1   {{> header }}
2   <main class="main">
3     {{^ current_post }}
4     <div class="container">
5       <h1>Page not found</h1>
6     </div>
7     {{/ current_post }}
8     {{# current_post }}
9     {{# metadata.hero.imgix_url }}
10    <div class="blog-post-hero" style="background-image: url({{ metadata.hero.imgix_url }})"></div>
11    {{/ metadata.hero.imgix_url }}
12    <div class="container">
13      <h2 class="blog__title">
14        <a href="/{{ slug }}">{{ title }}</a>
15      </h2>
16      <div class="blog__author">
17        <a href="/author/{{ metadata.author.slug }}">
18          <div class="blog__author-image"
19            style="background-image: url({{ metadata.author.metadata.image.imgix_url }}?w=100)"></div>
20        </a>
21        <div class="blog__author-title">by <a href="/author/{{ metadata.author.slug }}">{{ metadata.author.title }}</a> on
22          {{ friendly_date }}</div>
23        <div class="clearfix"></div>
24      </div>
25      <div class="blog__content droid">{{{ content }}}</div>
26      <div class="blog__tags">
27        {{# metadata.categories }}
28        <span class="tag-pill" href="">{{ title }}</span>
29        {{/ metadata.categories }}
30      </div>
31    </div>
32    {{/ current_post }}
33  </main>
34  {{> footer }}
```

master*   21 0   Live Share   Ln 5, Col 28   Spaces: 2   UTF-8   LF   HTML   Go Live