# 北京信息科技大学课程报告

报告题目：使用开源软件建立博客

课程名称：开源软件开发

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本报告考察通过阅读文档使用开源软件的能力，通过社区讨论解决问题的能力，以及对Github的初步使用。请完成以下步骤，填写表格并提交本文档作为作业。本作业需要在指定时间完成并提交。在现场实验课中完成将有加分，不能按时提交将会有扣分。

# 报告内容（需要填写3项）

## Github Blog

Blog网站地址(例如 https://<username>.github.io ）

https://github.com/Insaria/iinsaria.github.io

第一篇文章的地址

http://localhost:4000/2025/06/25/first-blog/

## 安装过程记录

请粘贴所有的命令行和窗口输出

C:\Users\shuzh>node -v

v22.17.0

C:\Users\shuzh>npm -v

10.9.2

C:\Users\shuzh>git --version

git version 2.46.2.windows.1

C:\Users\shuzh>d:

D:\>cd Bistu/blog

D:\BISTU\blog>npm install -g hexo-cli

added 53 packages in 15s

14 packages are looking for funding

run `npm fund` for details

npm notice

npm notice New major version of npm available! 10.9.2 -> 11.4.2

npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.4.2

npm notice To update run: npm install -g npm@11.4.2

npm notice

D:\BISTU\blog>hexo -v

hexo-cli: 4.3.2

os: win32 10.0.26100 undefined

node: 22.17.0

acorn: 8.14.1

ada: 2.9.2

amaro: 0.4.1

ares: 1.34.5

brotli: 1.1.0

cjs\_module\_lexer: 2.1.0

cldr: 47.0

icu: 77.1

llhttp: 9.3.0

modules: 127

napi: 10

nbytes: 0.1.1

ncrypto: 0.0.1

nghttp2: 1.64.0

openssl: 3.0.16

simdjson: 3.12.3

simdutf: 6.4.2

sqlite: 3.50.0

tz: 2025b

undici: 6.21.2

unicode: 16.0

uv: 1.51.0

uvwasi: 0.0.21

v8: 12.4.254.21-node.26

zlib: 1.3.0.1-motley-780819f

zstd: 1.5.7

D:\BISTU\blog>Hexo init

INFO Cloning hexo-starter https://github.com/hexojs/hexo-starter.git

fatal: unable to access 'https://github.com/hexojs/hexo-starter.git/': Failed to connect to github.com port 443 after 21190 ms: Could not connect to server

WARN git clone failed. Copying data instead

INFO Install dependencies

INFO Start blogging with Hexo!

D:\BISTU\blog>hexo g && hexo s

INFO Validating config

INFO Start processing

INFO Files loaded in 464 ms

INFO Generated: archives/index.html

INFO Generated: index.html

INFO Generated: archives/2025/06/index.html

INFO Generated: js/jquery-3.6.4.min.js

INFO Generated: fancybox/jquery.fancybox.min.css

INFO Generated: js/script.js

INFO Generated: css/style.css

INFO Generated: archives/2025/index.html

INFO Generated: fancybox/jquery.fancybox.min.js

INFO Generated: css/images/banner.jpg

INFO Generated: 2025/06/25/hello-world/index.html

INFO 11 files generated in 515 ms

INFO Validating config

INFO Start processing

INFO Hexo is running at http://localhost:4000/ . Press Ctrl+C to stop.

D:\BISTU\blog>cd themes

D:\BISTU\blog\themes>git pull

fatal: not a git repository (or any of the parent directories): .git

D:\BISTU\blog>git clone https://github.com/xbmlz/hexo-theme-maple.git themes/maple

Cloning into 'themes/maple'...

remote: Enumerating objects: 630, done.

remote: Counting objects: 100% (108/108), done.

remote: Compressing objects: 100% (39/39), done.

remote: Total 630 (delta 81), reused 79 (delta 69), pack-reused 522 (from 1)

Receiving objects: 100% (630/630), 1.36 MiB | 28.00 KiB/s, done.

Resolving deltas: 100% (305/305), done.

D:\BISTU\blog>git pull

fatal: not a git repository (or any of the parent directories): .git

D:\BISTU\blog>npm install hexo-renderer-pug hexo-renderer-stylus --save

up to date, audited 276 packages in 4s

31 packages are looking for funding

run `npm fund` for details

found 0 vulnerabilities

D:\BISTU\blog>hexo clen && hexo g && hexo s

INFO Validating config

Usage: hexo <command>

Commands:

clean Remove generated files and cache.

config Get or set configurations.

deploy Deploy your website.

generate Generate static files.

help Get help on a command.

init Create a new Hexo folder.

list List the information of the site

migrate Migrate your site from other system to Hexo.

new Create a new post.

publish Moves a draft post from \_drafts to \_posts folder.

render Render files with renderer plugins.

server Start the server.

version Display version information.

Global Options:

--config Specify config file instead of using \_config.yml

--cwd Specify the CWD

--debug Display all verbose messages in the terminal

--draft Display draft posts

--safe Disable all plugins and scripts

--silent Hide output on console

For more help, you can use 'hexo help [command]' for the detailed information

or you can check the docs: https://hexo.io/docs/

INFO Validating config

INFO Start processing

INFO Files loaded in 156 ms

INFO Generated: 2025/06/25/first-blog/index.html

INFO Generated: archives/2025/index.html

INFO Generated: 2025/06/25/hello-world/index.html

INFO Generated: archives/index.html

INFO Generated: archives/2025/06/index.html

INFO Generated: index.html

INFO Generated: images/logo.svg

INFO Generated: favicon.ico

INFO Generated: css/main.css

INFO Generated: js/main.js

INFO Generated: lib/fancybox/fancybox.min.css

INFO Generated: lib/iconify-icon.min.js

INFO Generated: lib/nprogress/nprogress.js

INFO Generated: img/logo.svg

INFO Generated: lib/tocbot/tocbot.min.css

INFO Generated: css/highlight.css

INFO Generated: lib/nprogress/nprogress.css

INFO Generated: lib/fancybox/fancybox.umd.min.js

INFO Generated: lib/jquery.min.js

INFO Generated: lib/clipboard.min.js

INFO Generated: lib/tocbot/tocbot.min.js

INFO Generated: images/avatar.jpg

INFO Generated: img/avatar.jpg

INFO 23 files generated in 269 ms

INFO Validating config

INFO Start processing

INFO Hexo is running at http://localhost:4000/ . Press Ctrl+C to stop.

INFO Good bye

D:\BISTU\blog>hexo new "first blog"

INFO Validating config

INFO Created: D:\BISTU\blog\source\\_posts\first-blog.md

## 安装中遇到的问题及解决方法

请描述问题及解决方法

在为博客选择主题并切换后，出现了cmd正常运行但网页打开却是一片空白的情况。在了解到小组成员也出现了同样的问题后，我在导师的帮助下开始排查问题。最终确认为主题没有完整安装，在删除主题并重装后顺利解决了问题。

（以下为参考资料，无需填写或编辑）

# 作业要求：

1）安装Git

2）安装Hexo

3）用Hexo创建和配置 Blog

4）写一篇Blog，内容是自己在配置中遇到的问题以及如何解决

4）将Blog通过Github Pages发布

# # 如何解决问题

* 查看安装指南
* 查看官方文档
* 询问本组的同学和导师
* 在课程微信群提问