Sara 1402.6.31 first class Spring :

Third party : idea – git – docker

Github make a account - gmail

Git download : <https://git-scm.com/download/win>

Command. :

# : git init

# : git add .

# : git commit -m “sara message “

#: git log

#:git status

# : git log

#: git push

# : git push --set-upstream origin <name of branch>

Java ------------>

Compiler

Independ with system

.java --- > .class 🡪 jvm -🡪 iso jvm – win jvm

Jvm -🡪 java machine run java JDK – JRE –JVM

Java --- Lang --- doesn’t need import ---- Object

Jdk 21 --- jdk 17 –

Garbage collector automatically ---

OOP --- APIE ----

Encapsulation --- Human class instance sara

Inheritance --- extends --- implement – override -

Polymorphism -- override – overload

Abstraction – interface – Abstract

Stack --- heap --- java 7 ---java 8 – component – class – interface next session

---session 2

Component :

Class – interface – abstract class – marker interface - annotation -record - enum – ceil class

Class : is component of java factory object

Interface : is contract

Abstract class : is a contract and object

Collection –

Exception --