

## CS 587 Assignment 4

### Phase – I

Screenshot – 1: Commit (Since the file was merged earlier, I could not take a screenshot, but I have attached the Command line output.)

```
new file:   Phase2_Report/Report_PhaseII_PFA20SCM70T.pdf
new file:   Phase2_Report/Report_Phase_II_NFA20SCM17K.pdf
new file:   README.md
new file:   Report_Phase1_YFA20SCM33R.pdf
new file:   a.java
new file:   b.java
new file:   c.java
new file:   d.java
new file:   e.java
new file:   f.java
new file:   g.java
new file:   h.java
new file:   i.java
new file:   j.java
new file:   k.java
new file:   l.java
new file:   m.java
new file:   n.java
new file:   o.java
new file:   p.java
new file:   q.java
new file:   r.java
new file:   s.java
new file:   t.java
new file:   u.java
new file:   v.java
new file:   w.java
new file:   x.java
new file:   y.java
new file:   z.java

((base) shivimalhotra@Shivis-MacBook-Air SCM587FA20-main % git commit -am"Fixes #180. SFA20SCM96M"
[master (root-commit) b4ba8e2] Fixes #180. SFA20SCM96M
 77 files changed, 74 insertions(+)
create mode 100644 Phase1_Report/Report_Phase1_PFA20SCM94N.pdf
create mode 100644 Phase1_Report/Report_Phase_1_DFA20SCM45D.pdf
create mode 100644 Phase1_Report/Report_Phase1_ AFA20SCM09R.pdf
create mode 100644 Phase1_Report/Report_Phase1_ DFA20SCM32Y.pdf
create mode 100644 Phase1_Report/Report_Phase1_ GFA20SCM77S.pdf
create mode 100644 Phase1_Report/Report_Phase1_AFA20SCM32D.pdf
create mode 100644 Phase1_Report/Report_Phase1_AFA20SCM34E.pdf
create mode 100644 Phase1_Report/Report_Phase1_AFA20SCM500.pdf
create mode 100644 Phase1_Report/Report_Phase1_CFA20SCM24S.pdf
create mode 100644 Phase1_Report/Report_Phase1_CFA20SCM71C.pdf
create mode 100644 Phase1_Report/Report_Phase1_DFA20SCM37K.pdf
create mode 100644 Phase1_Report/Report_Phase1_EFA20SCM50S.pdf
create mode 100644 Phase1_Report/Report_Phase1_GFA20SCM69S.docx
create mode 100644 Phase1_Report/Report_Phase1_HFA20SCM71K.pdf
create mode 100644 Phase1_Report/Report_Phase1_JFA20SCM20S.pdf
create mode 100644 Phase1_Report/Report_Phase1_JFA20SCM26Y.pdf
create mode 100644 Phase1_Report/Report_Phase1_KFA20SCM10K.pdf
create mode 100644 Phase1_Report/Report_Phase1_KFA20SCM40K.pdf
create mode 100644 Phase1_Report/Report_Phase1_KFA20SCM96G.pdf
create mode 100644 Phase1_Report/Report_Phase1_MFA20SCM06G.pdf
create mode 100644 Phase1_Report/Report_Phase1_MFA20SCM21D.pdf
create mode 100644 Phase1_Report/Report_Phase1_MFA20SCM84J.pdf
create mode 100644 Phase1_Report/Report_Phase1_NFA20SCM25K.pdf
create mode 100644 Phase1_Report/Report_Phase1_NFA20SCM75D.pdf
create mode 100644 Phase1_Report/Report_Phase1_PFA20SCM11P.pdf
create mode 100644 Phase1_Report/Report_Phase1_PFA20SCM16H.pdf
create mode 100644 Phase1_Report/Report_Phase1_PFA20SCM41L.pdf
create mode 100644 Phase1_Report/Report_Phase1_PFA20SCM70T.pdf
create mode 100644 Phase1_Report/Report_Phase1_RFA20SCM38R.pdf
```

## Screenshot – 2: Pull Request

The screenshot shows a GitHub web interface for a Pull Request. The browser's address bar displays the URL: `github.com/SFA20SCM96M/SCM587FA20/compare/main...SPM587FA20:main`. The page title is "Comparing changes". Below the title, a message states: "Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#)."

The comparison section shows the following details:

- base repository: SFA20SCM96M/SCM587FA20
- base: main
- head repository: SPM587FA20/SCM587FA20
- compare: main

A green checkmark indicates: "✓ Able to merge. These branches can be automatically merged."

A yellow banner contains the text: "Discuss and review the changes in this comparison with others. [Learn about pull requests](#)" and a green button labeled "Create pull request".

Summary statistics show: 1 commit, 1 file changed, 0 comments, and 1 contributor.

Under "Commits on Nov 02, 2020", there is one commit: "Update s.java" (Verified, 018d06d).

A message states: "Showing 1 changed file with 1 addition and 1 deletion." Buttons for "Unified" and "Split" views are present.

The file comparison for `s.java` is shown with a diff view. The diff indicates a deletion of a line (marked with a red minus sign) and an addition of a new line (marked with a green plus sign). The diff content is as follows:

Line	Base (SFA20SCM96M)	Head (SPM587FA20)
5	SFA20SCM22D	SFA20SCM22D
6	SFA20SCM05V	SFA20SCM05V
7	SFA20SCM93S	SFA20SCM93S
8	- SFA20SCM96M	+ SFA20SCM96M