

```
165 hi
166 vi sum.c
167 hi
168 vi sum.c
169 gcc sum.c && ./a.out
170 vi filecmd
171 cat filecmd
172 cat sum.c
173 gcc sum.c
174 ./a.out
175 gcc sum.c && ./a.out
176 ls
177 more filecmd
178 nano filecmd
179 more filecmd
180 less filecmd
181 head filecmd
182 head -n 5 filecmd
183 tail filecmd
184 tail +5 filecmd
185 nano sample.txt
186 cat sample.txt
187 cut -c 1-3 sample.txt
188 cut -c 4-10 sample.txt
189 cat sample.txt
190 cut -d ':' -f2 sample.txt
191 cut -d ':' -f2,3 sample.txt
192 ls
193 cat demo
194 nano f1
195 nano f2
196 cat f1
197 cat f2
198 paste f1 f2
199 paste -d ':' f1 f2
200 paste -s f1 f2
201 cat sample.txt
202 sort sample.txt
203 sort sample.txt -r
204 sort -t ':' -k2 sample.txt
205 sort -t ':' -k3 sample.txt
206 sort -t ':' -k4 sample.txt
207 sort -t ':' -k3 sample.txt -r
208 cat sample.txt
```

```
209 tr ':' '|' < sample.txt
210 cat sample.txt
211 ls
212 tr ':' '|' < sample.txt > s1.txt
213 ls
214 cat s1.txt
215 tr ':0' '|' < sample.txt
216 cat sample.txt
217 tr -s '0' < sample.txt
218 cat sample.txt
219 tr -d '0' < sample.txt
220 nano example.txt
221 cat example.txt
222 nano sample.txt
223 nano f3
224 tr ':' '|' < nano f3.txt
225 tr ':' '|' < f3.txt
226 tr ':' '|' < f3
227 cat f3
228 ls
229 tr ':' '|' < f3 >s1.txt
230 tr ':' '|' < f3>
231 ls
232 cat example.txt
233 uniq example.txt
234 nano example.txt
235 cat sample.txt
236 cat s1.txt
237 cmp sample.txt s1.txt
238 diff sample.txt s1.txt
239 ls
240 nano test.c
241 cat test.c
242 grep main test.c
243 grep ^main test.c
244 grep ^int test.c
245 grep \; test.c
246 nano test.c
247 cat test.c
248 grep ^int test.c
249 nano sed_test
250 cat sed_test
251 sed 's/Hello/Hi/' sed_test
252 cat sed_test
```

```
247 cat test.c
248 grep 'int test.c
249 nano sed_test
250 cat sed_test
251 sed 's/Hello/Hi/' sed_test
252 cat sed_test
253 sed -i 's/Hello/Hi/' sed_test
254 cat sed_test
255 sed 's/!/$/g' sed_test
256 cat sed_test
257 sed '/simple/d' sed_test
258 sed '/Hi/a Welcome to sed' sed_test
259 sed -n '/Hi/p' sed_test
260 nano employees.txt
261 cat employees.txt
262 nano employees.txt
263 cat employees.txt
264 awk '{print $0}' employees.txt
265 awk '{print $1, $3}' employees.txt
266 awk '$3>50000 '{print $1, $3}' employees.txt
267 awk '$3 > 50000 {print $1, $3}' employees.txt
268 awk 'BEGIN {print "Name:, Salary: "} {print $1, $3}' employees.txt
269 awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
270 awk 'BEGIN {print "Name Age Salary"} {print $1, $2, $3}' employees.txt
271 awk '{total+= $3} END {print "Total Salary=", total}' employees.txt
272 awk '{print $0}' employees.txt
273 awk '{print NR, $1}' employees.txt
274 awk '{print NR, $0}' employees.txt
275 awk '/Alice/' employees.txt
276 awk '$2 < 30 {print $1, $2}' employees.txt
277 awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1, $2, $3}' employees.txt
278 awk 'END {print "Total employees= ", NR}' employees.txt
279 ls -l
280 ls -l s1.txt
281 ls -l
282 ls -l s1.txt
283 chmod u+x s1.txt
284 ls -l s1.txt
285 chmod o-r s1.txt
286 ls -l s1.txt
287 chmod 462 s1.txt
288 ls -l s1.txt
289 history
```