

```
105 vi sum.c
106 gcc sum.c && ./a.out
107 vi filecmd
108 cat filecmd
109 cat sum.c
110 gcc sum.c
111 ./a.out
112 gcc sum.c && ./out
113 ls
114 more filecmd
115 nano filecmd
116 more filecmd
117 less filecmd
118 head filecmd
119 head -n 5 filecmd
120 tail filecmd
121 nano sample.txt
122 history
123 clear
124 cat demo
125 nano f1
126 nano f2
127 cat fi
128 cat f1
129 cat f2
130 paste f1 f2
131 sort sample.txt
132 history
```

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```
133 clear
134 tr ':' '|' < sample.t
135 cat sample.txt
136 ls
137 tr ':' '|' <sample.txt> s1.txt
138 ls
139 cat s1.txt
140 tr ':0' '|$' <sample.txt
141 cat sample.txt
142 nano example.txt
143 uniq example.txt
144 ls
145 cmp sample.txt s1.txt
146 diff sample.txt s1.txt
147 ls
148 nano test.c
149 cat test.c
150 grep main test.c
151 grep ^main test.c
152 grep ^int test.c
153 clear
154 grep \; test.c
155 nano test.c
156 cat sed_test
157 history
```

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```
160 sed -i 's/Hello/Hi/' sed_test
161 clear
162 sed -i 's/Hello/Hi/' sed_test
163 cat sed_test
164 sed 's/!/$/g' sed_test
165 cat sed_test
166 sed '/simple/d' sed_test
167 nano employees.txt
168 cat employees.txt
169 awk '{print $0}' employees.txt
170 awk '{print $1,$3}' employees.txt
171 awk '$3>50000 '{print $1, $3}' employees.txt
172 awk '$3 > 50000 {print $1, $3}' employees.txt
173 awk 'BEGIN {print "Name:, Salary: "} {print $1, $3}' employees.txt
174 awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
175 awk 'BEGIN {print "Name Age Salary"} {print $1, $2, $3}' employees.txt
176 awk '{total+= $3} END {print "Total Salary=", total}' employees.txt
177 awk '{print $0}' employees.txt
178 history
179 awk '{print NR, $1}' employees.txt
180 awk '{print NR, $0}' employees.txt
```

```
179 awk '{print NR, $1}' employees.txt
180 awk '{print NR, $0}' employees.txt
181 awk '/Alice/' employees.txt
182 awk '$2 < 30 {print $1, $2}' employees.txt
183 awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1, $2, $3}' employees.txt
184 awk 'END {print "Total employees= ", NR}' employees.txt
185 ls -l
186 ls -l s1.txt
187 chmod u+x s1.txt
188 ls -l s1.txt
189 chmod o-r s1.txt
190 ls -l s1.txt
191 chmod 462 s1.txt
192 ls -l s1.txt
193 history
```

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