

```
1299 ju cdac/sil_cbp_py/
1300 ftp
1301 sudo apt install terminator
1302 pwd
1303 ls
1304 ls -l
1305 ls -la
1306 mkdir cbp_sep24
1307 ls
1308 cd cbp_sep24
1309 ls
1310 pwd
1311 cd ..
1312 pwd
1313 cd cbp_sep24/
1314 cd...
1315 cd..
1316 cd ..
1317 ls
1318 cd cbp_sep24/
1319 pwd
1320 mkdir linux
1321 cd linux
1322 pwd
1323 ls
1324 touch aa.txt
1325 ls
1326 echo "my first print statement"
1327 ls
1328 cat aa.txt
1329 echo "my first print statement" >> aa.txt
1330 cat aa.txt
1331 touch aa.txt
1332 cat aa.txt
1333 echo "my second line in file" >> aa.txt
1334 cat aa.txt
1335 echo "fsjfsf"
1336 echo "Am I the third line in this file?" > aa.txt
1337 cat aa.txt
1338 echo "my first print statement" >> aa.txt
1339 cat aa.txt
1340 echo "my first print statement" > aa.txt
1341 cat aa.txt
1342 echo "my second line in file" >> aa.txt
1343 cat aa.txt
1344 echo "Am I the third line in this file?" > aa.txt
1345 cat aa.txt
1346 echo "my first print statement" > aa.txt
1347 echo "my second line in file" >> aa.txt
1348 cat aa.txt
1349 echo "Am I the third line in this file?" >> aa.txt
1350 cat aa.txt
1351 ls
1352 ls -l
1353 cp aa.txt copy_aa.txt
1354 ls
1355 cat copy_aa.txt
1356 cat a.
1357 cat aa.txt
1358 rm copy_aa.txt
```

```
1359 ls
1360 touch first.txt second.txt third.txt
1361 ls
1362 touch file{1..1000}.c
1363 ls
1364 touch file{1..1000}.chfhfgh
1365 ls
1366 rm *.c
1367 ls
1368 rm *.c*
1369 ls
1370 touch file
1371 ls
1372 ls -l
1373 history
1374 history > hist_file
1375 cat hist_file
1376 touch file{1..1000}.chfhfgh
1377 ls
1378 rm *.c
1379 rm *.chfhfgh
1380 ls
1381 dir useless_dir
1382 mkdir useless_dir
1383 ls
1384 cd useless_dir/
1385 mkdir abc
1386 cd abc
1387 mkdir xyz
1388 cd xyz/
1389 pwd
1390 touch black
1391 ls
1392 ls -l
1393 man mkdir
1394 cd ..
1395 ls
1396 cd Downloads/
1397 cd
1398 cd cbp_sep24/linux/useless_dir/
1399 mkdir as/cv
1400 mkdir -p as/cv
1401 cd as
1402 ls
1403 cd ..
1404 rm -rf as/
1405 ls
1406 mkdir Animal
1407 cd Animal/
1408 mkdir Cat
1409 cd Cat/
1410 mkdir Features
1411 cd Features/
1412 mkdir Color
1413 ls
1414 cd Color/
1415 touch white black grey
1416 ls
1417 cd ..
1418 ls
```

```
1419 mkdir Birds/Sparrow
1420 mkdir -p Birds/Sparrow
1421 cd Birds/
1422 ls
1423 cd ..
1424 ls
1425 cd useless_dir/Birds/Sparrow/
1426 cd ..
1427 ls
1428 rmdir abc/
1429 rmdir -rf abc/
1430 rm -rf abc/
1431 pwd
1432 cd ..
1433 rm -rf useless_dir/
1434 cd
1435 cd cbp_sep24/linux/
1436 ls
1437 mkdir abc
1438 rmdir abc/
1439 mkdir abc/xyz
1440 mkdir -p abc/xyz
1441 rmdir abc
1442 rmdir -f abc
1443 rmdir -r abc
1444 man rmdir
1445 man
1446 man rmdir
1447 man ls
1448 ls
1449 cd abc/
1450 ls
1451 cd xyz/
1452 mkdir a{1..100}
1453 ls
1454 touch a{1..100}/f{1..13~.txt}
1455 tree
1456 ls a13/
1457 ls
1458 cd a1
1459 ls
1460 mkdir -p a/d/c/a{1..22}
1461 ls a/d/c
1462 rm -rf a
1463 ls
1464 cd cbp_sep24/
1465 vim a.c
1466 gcc a.c
1467 ./a.out
1468 vim a.c
1469 gcc a.c
1470 vim a.c
1471 gcc a.c
1472 ./a.out
1473 vim a.c
1474 gcc a.c
1475 ./a.out
1476 vim a.c
1477 gcc a.c
1478 ./a.out
```

```
1479 rm *.txt
1480 cd project/
1481 cd cbp_sep24/
1482 cd linux/
1483 ls
1484 ln abc xyz
1485 ln second.txt aa.xyz
1486 ./a.out
1487 gcc a.c
1488 ./a.out
1489 ls
1490 cat aa.xyz
1491 echo "as" >> aa.xyz
1492 cat second.txt
1493 echo "as" >> second.txt
1494 cat aa.xyz
1495 rm aa.xyz
1496 cat second.txt
1497 ls -la
1498 ll
1499 cd ..
1500 ll
1501 cd cbp_sep24/
1502 ls
1503 cd linux/
1504 ls
1505 cat hist_file
1506 mv hist_file /home/manoj/cbp_sep24/linux/abc/
1507 ls
1508 mv third.txt fourth.txt
1509 ls
1510 mv abc/ temp
1511 history >> hist_file
1512 ls
1513 pwd
1514 ls -l
1515 ll
1516 ls
1517 mv hist_file ./temp/new_hist
1518 su
1519 su -i
1520 su i
1521 su root
1522 sudo su
1523 ls
1524 cd temp/
1525 ls
1526 mkdir HPC
1527 mkdir ./HPC/Project
1528 mkdir ./HPC/Project/programs
1529 touch ./HPC/Project/programs/my_GOLANG_prog.go
1530 ls
1531 ls ./HPC/Project/programs/
1532 rm HPC/Project/programs/my_GOLANG_prog.go
1533 ls ./HPC/Project/programs/
1534 cd /root/
1535 sudo cd /root/
1536 sudo -s cd /root/
1537 sudo su
1538 cd cbp_sep24/linux/temp/
```

```
1539 cd
1540 pwd
1541 sudo su
1542 pwd
1543 cd class_work/task3
1544 mkdir subtask
1545 pwd
1546 ls
1547 mkdir aa
1548 whoami
1549 sudo mkdir aa
1550 cd class_work/
1551 cd task1/
1552 mkdir aa
1553 ls /bin
1554 mkdir t
1555 cd t
1556 cd ..
1557 rmdir t
1558 mdig
1559 time
1560 dirname
1561 zoom
1562 ls /sbin
1563 ip
1564 reboot
1565 which ls
1566 which rm
1567 which cat
1568 ls /proc/
1569 cd cbp_sep24/linux/
1570 mkdir t1 & touch ./t1/f1.txt & mkdir t2 & touch ./t2/f2.txt
1571 ls
1572 ls t1
1573 rm -rf t1
1574 mkdir t1 & touch ./t1/f1.txt
1575 ls
1576 rm -rf t1
1577 ls
1578 mkdir t1
1579 touch ./t1/f1.txt
1580 rm -rf t1
1581 mkdir t1 & touch t1/f1.txt
1582 mkdir t1 ; touch t1/f1.txt
1583 rm -rf t1
1584 mkdir t1 ; touch t1/f1.txt
1585 rm -rf t1
1586 ls
1587 mkdir t1 & touch ./t1/f1.txt
1588 whereis ls
1589 ls /usr/bin/
1590 ls /usr/bin/c*
1591 ls /usr/bin/cd*
1592 whereis cd
1593 useradd tempuser
1594 chpasswd
1595 chpasswd manoj
1596 whereis kill
1597 reboot
1598 ls /usr/bin | less
```

```
1599 ls /usr/bin | more
1600 head
1601 head aa.c
1602 uname
1603 uname -a
1604 cd cbp_sep24/linux/
1605 ls
1606 cat second.txt
1607 cat f
1608 cat first.txt
1609 cat fourth.txt
1610 echo "This command will sort the lines in file.txt based on the second field.
1611 The sort command is a powerful and flexible tool for working with text files in Linux and Unix-based operating
ly, you can sort lines in text files, sort lines based on specific fields, and perform other sorting operations.
1612 These commands can help you organize and analyze data and perform other file manipulation tasks. Whether
essential part of your toolkit." >> f.txt
1613 cat f.txt
1614 sort -n f.txt
1615 sort f.txt
1616 cat f.txt
1617 sort f.txt
1618 sort -n f.txt
1619 man sort
1620 sort -n f.txt
1621 sort f.txt
1622 sort -n f.txt
1623 sort f.txt
1624 rm f.txt
1625 ls
1626 ls temp/
1627 ls
1628 temp
1629 cd temp/
1630 pwd
1631 mkdir ../XYZFOLDER
1632 cd ..
1633 ls
1634 cd temp/
1635 ls
1636 cd xyz/
1637 ls ../../../
1638 cd ..
1639 ls
1640 cd linux/
1641 ls
1642 cat file
1643 cat first.txt
1644 rm first.txt
1645 subl file
1646 firefox
1647 sort file
1648 sort -n file
1649 rev file
1650 cat file
1651 sort -r file
1652 sort -nr file
1653 man sort
1654 sort -r file
1655 sort --reverse file
1656 vim file
```

```
1657 cat file
1658 cd ~/Downloads/
1659 ls
1660 cd
1661 cd cbp_sep24/
1662 cd /dev/
1663 cd Downloads/
1664 cd ~
1665 pwd
1666 cd cbp_sep24/linux/temp/
1667 cat /home/manoj/Downloads/100.txt
1668 cat ~/Downloads/100.txt
1669 ls
1670 cd ..
1671 ls
1672 cat file
1673 cat file | head -3
1674 cat file | head
1675 cat file | head -4
1676 cat file | tail
1677 cat file | tail -2
1678 cat file | head -12
1679 cp ~/Downloads/100.txt
1680 cp ~/Downloads/100.txt .
1681 ls
1682 cat 100.txt
1683 cat 100.txt | more
1684 cat 100.txt | less
1685 history
1686 source /etc/host
1687 source /etc/hosts
1688 ls
1689 cat file
1690 touch file
1691 cat file
1692 man touch
1693 sudo vim /etc/hosts
1694 cat ~/.bashrc
1695 cd cbp_sep24/linux/
1696 vi aa.txt
1697 gcc aa.txt
1698 mv aa.txt aa.c
1699 gcc aa.c
1700 ./a.out
1701 ll /bin/ls
1702 ls -l /bin/ls
1703 ls -l /usr/bin/ls
1704 locate ls
1705 whereis ls
1706 ls ls /dev
1707 ls -l /dev
1708 which bash
1709 which cat
1710 which gcc
1711 whereis gcc
1712 ls /bin/gcc
1713 ll /bin/gcc
1714 ls -l /bin/gcc
1715 ll /bin
1716 ls -l /bin
```

```
1717 ls -l /bin/
1718 ls -l /bin/ls
1719 ls -l /bin/
1720 ls -l /bin/ | less
1721 ls -l /bin/ > aa.txtt
1722 ll /bin/
1723 whereis ls
1724 which ls
1725 ls -l /bin > a
1726 ls -l /usr/bin/ b
1727 ls -l /usr/bin/ > b
1728 diff a b
1729 diff a b > c
1730 cat c | less
1731 ls -l /usr/bin/
1732 ls -l /usr/bin/ > a.t
1733 ls -l /usr/bin/ > a
1734 ls -l /bin/ > b
1735 ls -l /bin/
1736 ls -l /bin/ > a
1737 ls -l /usr/bin/ > b
1738 ls /bin/zipdetails
1739 ls /usr/bin/zipdetails
1740 ls /boot/
1741 cat /boot/initrd.img
1742 ls /boot/
1743 ls -l /boot/
1744 ls -l /boot/grub/
1745 cat /boot/grub/gfxblacklist.txt
1746 cat /boot/grub/grub.cfg
1747 s /lib
1748 ls /lib
1749 ls /lib/gcc/
1750 ls /lib/gcc/x86_64-linux-gnu/
1751 ls /lib/gcc/x86_64-linux-gnu/11/
1752 ls /dev/
1753 cat /etc/hosts
1754 ls /etc/networks
1755 ls /etc/networks/
1756 cat /etc/network
1757 ls /etc/network
1758 ls /etc/n*
1759 ls /etc
1760 cd /etc/network
1761 ls
1762 cd
1763 cat /etc/network
1764 ls /etc
1765 cd /etc/network
1766 ls
1767 cat /etc/network
1768 ls /etc
1769 cd /etc/network
1770 ls
1771 cat /etc/network
1772 ls /etc
1773 ls
1774 cd ..
1775 cat hosts
1776 cat networks
```



```
1777 cd netplan/
1778 ls
1779 cat 01-network-manager-all.yaml
1780 cd ..
1781 ls
1782 cat host.conf
1783 cat /etc/network/interfaces
1784 cat /etc/netplan/01-network-manager-all.yaml
1785 cat /etc/resolv.conf
1786 ip a
1787 cd ~/cbp_sep24/linux/
1788 ls
1789 ln 100.txt link
1790 ls -l
1791 ll
1792 ln -s 100.txt link
1793 rm link
1794 ln -s 100.txt link
1795 ls -l
1796 ls
1797 ln file xxx
1798 cat file
1799 echo "15" >> xxx
1800 cat file
1801 rm file
1802 cat xxx
1803 rm xx
1804 rm xxx
1805 ls
1806 rm link
1807 cat fourth.txt
1808 echo "1 2 3 4 5 6">file
1809 ln -s file xxx
1810 cat xxx
1811 echo "1 2 3 4 5 6">file
1812 cat xxx
1813 echo "1 2 3 4 5 6">>file
1814 cat xxx
1815 rm xxx
1816 cat file
1817 ln -s file xxx
1818 rm file
1819 cat xxx
1820 rm xxx
1821 ls
1822 touch data.csv
1823 subl data.csv
1824 ln data.csv file.txt
1825 ls
1826 cat data.csv
1827 subl data.csv
1828 cat data.csv
1829 cat file.txt
1830 echo "11 22 33 44 55 66 77 88" >> data.csv
1831 cat data.csv
1832 cat file.txt
1833 ll
1834 rm data.csv
1835 ls
1836 cat file.txt
```

```
1837 mv file.txt data.csv
1838 rm file.txt
1839 ls
1840 ln -s data.csv temp
1841 ls
1842 ls temp/
1843 cat temp/data.csv
1844 rm temp/data.csv
1845 ls
1846 cat data.csv
1847 ln -s data.csv some_link
1848 ls
1849 ll
1850 ls -l
1851 rm some_link
1852 cat data.csv
1853 ln -s data.csv some_link
1854 echo "111 222 333 444" >> data.csv
1855 cat some_link
1856 rm data.csv
1857 cat some_link
1858 ll
1859 ls
1860 rm some_link
1861 ls
1862 touch file
1863 subl f
1864 subl file
1865 cat file
1866 ln file link
1867 ll
1868 cat file
1869 cat link
1870 echo "a b c d e f g h" >> file
1871 cat file
1872 cat link
1873 echo "-- -- -- -- --" >> link
1874 cat link
1875 cat file
1876 rm rm file
1877 rm rm filels
1878 ls
1879 mv link file
1880 ls
1881 cat file
1882 ln file link
1883 cat link
1884 rm file
1885 ls
1886 cat link
1887 history
1888 ls
1889 alias pp='ls'
1890 pp
1891 pp -a
1892 pp -l
1893 pp
1894 cd cbp_sep24/linux/
1895 echo "111 222 333 444" >> data.csv
1896 alias ttt='echo "111 222 333 444" >> data.csv'
```

1897 cat data.csv  
1898 ttt  
1899 cat data.csv  
1900 cd ~  
1901 pwd  
1902 ls -a  
1903 cat .bash\_history  
1904 ls -a  
1905 cat .bashrc  
1906 vim .bashrc  
1907 cat .bashrc  
1908 vim .bashrc  
1909 cat .bashrc  
1910 newcomm  
1911 source .bashrc  
1912 newcomm  
1913 ls  
1914 cat data.csv  
1915 rm data.csv  
1916 cd cbp\_sep24/linux/  
1917 vim ~/.bashrc  
1918 newcomm  
1919 cat data.csv  
1920 newcomm  
1921 cat data.csv  
1922 source ~/.bashrc  
1923 newcomm  
1924 cat data.csv  
1925 cd cbp\_sep24/linux/  
1926 newcomm  
1927 vim ~/.bashrc  
1928 xyz  
1929 cd cbp\_sep24/linux/  
1930 xyz  
1931 cat data.csv  
1932 vim ~/.bashrc  
1933 cd cbp\_sep24/linn  
1934 cd cbp\_sep24/linux/  
1935 xyz  
1936 cat data.csv  
1937 ls  
1938 cd cbp\_sep24/linux/  
1939 ls  
1940 ls XYZFOLDER/  
1941 rm -rf XYZFOLDER/  
1942 ls  
1943 sudo apt install vim  
1944 ls  
1945 history  
1946 vim ~/.bashrc  
1947 ls  
1948 vi hello.c  
1949 vi aaaaa.cucuuc  
1950 ls  
1951 cat aaaaa.cucuuc  
1952 rm aaaaa.cucuuc  
1953 vi hello.c  
1954 cat hello.c  
1955 vi hello.c  
1956 cat hello.c

```
1957 vi hello.c
1958 cat hello.c
1959 vi hello.c
1960 cat hello.c
1961 vi hello.c
1962 gcc hello.c
1963 ls
1964 ls -l a.out
1965 ./a.out
1966 vi hello.c
1967 gcc hello.c
1968 vi hello.c
1969 gcc hello.c
1970 ./a.out
1971 gcc hello.c
1972 vi hello.c
1973 gcc hello.c
1974 ./a.out
1975 vi hello.c
1976 gcc hello.c
1977 ./a.out
1978 cat hello.c
1979 a.out
1980 sudo vim /etc/hosts
1981 sudo apt-get install lightdm -y
1982 sudo gedit /etc/lightdm/lightdm.conf.d/40-enable-guest.conf
1983 sudo apt-get remove lightdm -y
1984 ls /etc/lightdm/lightdm.conf.d/40-enable-guest.conf
1985 rm /etc/lightdm/lightdm.conf.d/40-enable-guest.conf
1986 ls /etc/lightdm/lightdm.conf.d/40-enable-guest.conf
1987 rm /etc/lightdm/lightdm.conf.d/40-enable-guest.conf
1988 sudo rm /etc/lightdm/lightdm.conf.d/40-enable-guest.conf
1989 ls /etc/lightdm/lightdm.conf.d/40-enable-guest.conf
1990 whereis mkfifo
1991 ll /usr/bin/mkfifo /usr/share/man/man3/mkfifo.3.gz
1992 ll /var/run/docker.sock
1993
1994 cat /etc/passwd
1995 cd cbp_sep24/linux/
1996 ls
1997 touch movie
1998 ls -l movie
1999 chmod u+x movie
2000 ls -l movie
2001 chmod g-w movie
2002 ls -l movie
2003 chmod u=x movie
2004 ls -l movie
2005 rm movie
2006 ls -l movie
2007 touch file
2008 ls -l file
2009 chmod u=x file
2010 ls -l file
2011 ls -l /dev
2012 ls -l /dev/null
2013 dsfsdfdjs
2014 dsfsdfdjs > /dev/null
2015 dsfsdfdjs >> /dev/null
2016 rm manojfile
```

```
2017 rm manojfile >> /dev/null
2018 rm manojfile > /dev/null
2019 ls -l /dev/null
2020 history
2021 history > abc.hist
```