

| **Basic Linux Terminal Commands** | | |
| --- | --- | --- |
| **S.No.** | **Linux Commands** | **Functions** |
| 1 | **Is** | Displays information about files in the current directory. |
| 2 | **pwd** | Displays the current working directory. |
| 3 | **mkdir** | Creates a directory. |
| 4 | **cd** | To navigate between different folders. |
| 5 | **rmdir** | Removes empty directories from the directory lists. |
| 6 | **cp** | Moves files from one directory to another. |
| 7 | **mv** | Rename and Replace the files |
| 8 | **rm** | Delete files |
| 11 | **touch** | Create empty files |
| 12 | **cat** | Display file contents on terminal |
| 13 | **clear** | Clear terminal |
| 14 | **ps** | Display the processes in terminal |
| 15 | **man** | Access manual for all Linux commands |
| 16 | **grep** | Search for a specific string in an output |
| 17 | **echo** | Display active processes on the terminal |
| 18 | **wget** | download files from the internet. |

**Hello world program**

publicclassMyFirstJavaProgram {

su -

/\* This is my first java program.

\* This will print 'Hello World' as the output

\*/

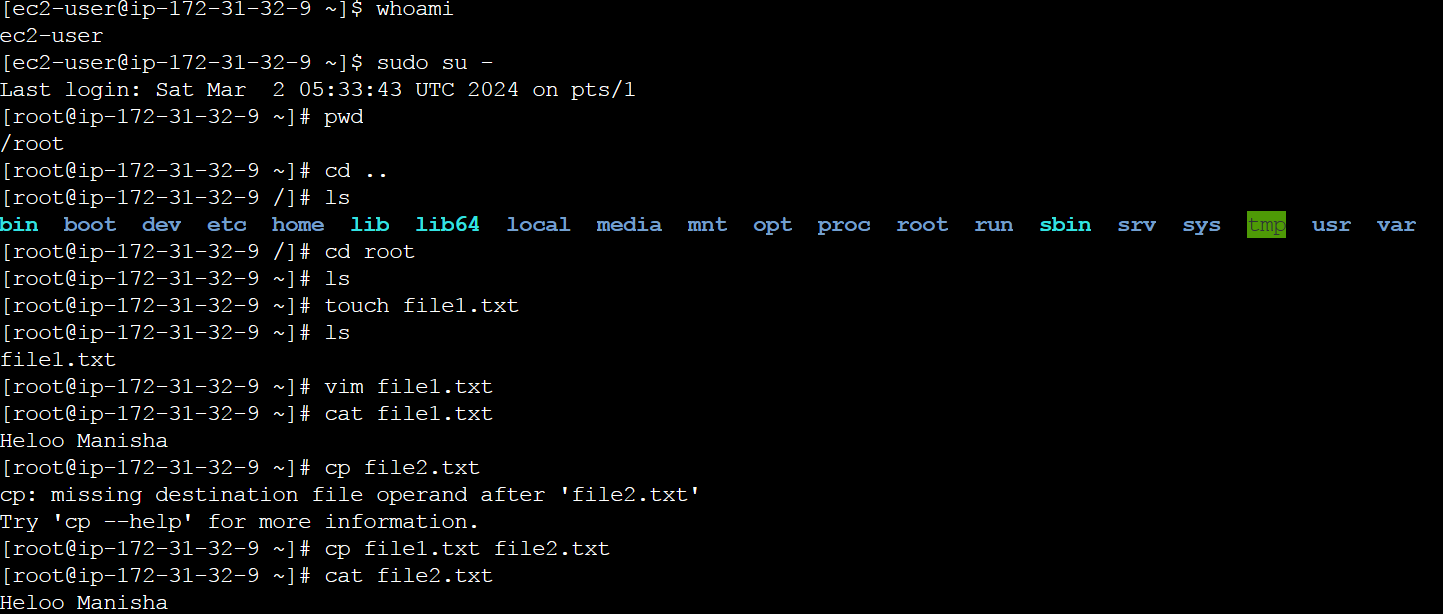
publicstaticvoidmain(String []args) {

System.out.println("Hello World"); // prints Hello World

}

}

1. **class** FibonacciExample1{
2. **public** **static** **void** main(String args[])
3. {
4. **int** n1=0,n2=1,n3,i,count=10;
5. System.out.print(n1+" "+n2);//printing 0 and 1
7. **for**(i=2;i<count;++i)//loop starts from 2 because 0 and 1 are already printed
8. {
9. n3=n1+n2;
10. System.out.print(" "+n3);
11. n1=n2;
12. n2=n3;
13. }
15. }}

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**How To Install Java Aplication on ec2 instance?**

**step 1 : check whether you have install java ?**

**Step 2 : yum install java**

**Step 3 : y**

**Step 4 : see the path of Java Installed, for that enter the below command**

**alternatives --config java**

**copy the path upto x86\_64**

**Step 5: go to etc profile to set Java Environment variable**

**vim /etc/profile**

**Step 6:Type the below line for set the variable**

**export JAVA\_HOME=/usr/lib/jvm/java-21-amazon-corretto.x86\_64**

**export PATH=$JAVA\_HOME/bin:$PATH**

**Step7 : Save the /etc/profile**

**Step 8 : source /etc/profile**

**Step 9: check the java version**

**Step 10: to execute the Java Program execute the below command**

**yum install java-devel**

**Step 11 : Write the JavaProgram with Class1**

**public class Class1 {**

**public static void main(String []args) {**

**System.out.println("Hello World");**

**}**

**}**

**Step 12: to compile the Java Program**

**javac Class1.java**

**Step 13:to see the output**

**java Class1**