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<?php
/* This is multiline comment, just like in a C program
Comments are ignored by compiler or interpreter
And may help programmers understand the code better

Linux, shortcut keys to open terminal
Press all keyboard keys together, ctrl alt t

(Unlike taskbar in Windows,
visible as horizontal bar at the bottom)
Docker, Launcher, on Ubuntu, available on left side
as vertical column

User opened applications like terminal, gedit, firefox
will be visible on Dock, Launcher
*/
?>

<?php
/* By default, gedit saves files in directory /home/username

When writing a program, first job save code
with file name followed by . and file extension
For PHP programs, save code with file extension of .php
Where: /var/www/html/
First "/" is also called as "root" folder
Code would be saved in: /var/www/html/code.php
*/
?>

<?php
/* How:
If writing code in gedit, "save as" option under ≡
≡ → save as → bottom left has "other location"
Other location → Computer (or /) → var → www → html
Or
Files (File browser)
Right click on code.php
use cut, click on Cut
and
paste, right click and Paste into
after file browsing to folder /var/www/html
Or
If comfortable with terminal and commands
use mv, move command, $mv source destination
$mv code.php /var/www/html/
or use cp, copy command, $cp source destination
$cp code.php /var/www/html/

If code.php does not have errors, and Apache httpd
daemon is running, and php is installed
code.php can be accessed through Mozilla Firefox
Firefox(Web browser)
in "address bar", type URL
http://localhost/code.php
or
http://127.0.0.1/code.php
and enter ↵ or click →
*/
?>

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<?php
/*
    If code.php has errors, check error description on terminal
    $php code.php
        read, understand, and correct error and retry

    make sure code.php is saved in current/working directory
    and
    current/working directory is /var/www/html/

    To check current/working directory, on terminal
    $pwd

    To check files in current directory, on terminal
    $ls
    ls, list directory contents, code.php should be listed

    To change directory,
    Using Files (File browser)
        Browse to /var/www/html
        Right click in displayed folder area
        other than on file/folder

        Open in terminal
    or
    Using terminal, and command,
        cd, Change the shell working directory
        $cd /var/www/html
*/
?>

<?php
/*
    Suggestions, common errors

    Consider you are writing C, or JavaScript
        End statements, expressions with semicolon ;

    Important changes in PHP:
        Variable name begin with dollar symbol $
        and are dynamically typed, type decided on context

    Indentation
        Though not a part of syntax like Python
        But please use indentation, like you would in py

        Can be by use of tab key of keyboard
        or
        Four spaces, by use of spacebar key of keyboard

    Not a part of syntax, but
        please do not code entire program beginning on
        same column
        entire code should not begin on same column
*/
?>

```

```
<?php
    /* Same programs need not be followed
       If you feel programs are lengthy and complicated
       and can write better, please do
       as long as programs satisfy problem definitions

       PHP Programming, problem definitions, please refer syllabus
       https://vtu.ac.in/pdf/2022\_3to8/2aimlsyll.pdf
    */
?>

<?php
    /* Problem definition, followed by
       Program
    */
?>
```