	Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Information Technology **Department of** **Artificial Intelligence and Data Science**		
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Class: TY	Division: B	Roll No: 372004	
Semester: V	Academic Year: 2023-24		
Subject Name & Code: Cloud Computing and Analysis - ADUA31203			
Title of Assignment: Write Shell script program for handle the variable and how to take input from user			

Aim:

Write Shell script program for handle the variable and how to take input from user

Problem Statement:

Write Shell script program for handle the variable and how to take input from user

Background Information:

- **Shell Scripting**

Usually, shells are interactive, which means they accept commands as input from users and execute them. However, sometimes we want to execute a bunch of commands routinely, so we have to type in all commands each time in the terminal.

As a shell can also take commands as input from file, we can write these commands in a file and can execute them in shell to avoid this repetitive work.

These files are called Shell Scripts or Shell Programs.

- **A shell script contains the following elements:**

1. Shell Keywords – if, else, break etc.
2. Shell commands – cd, ls, echo, pwd, touch etc.
3. Functions
4. Control flow – if..then..else, case and shell loops etc.

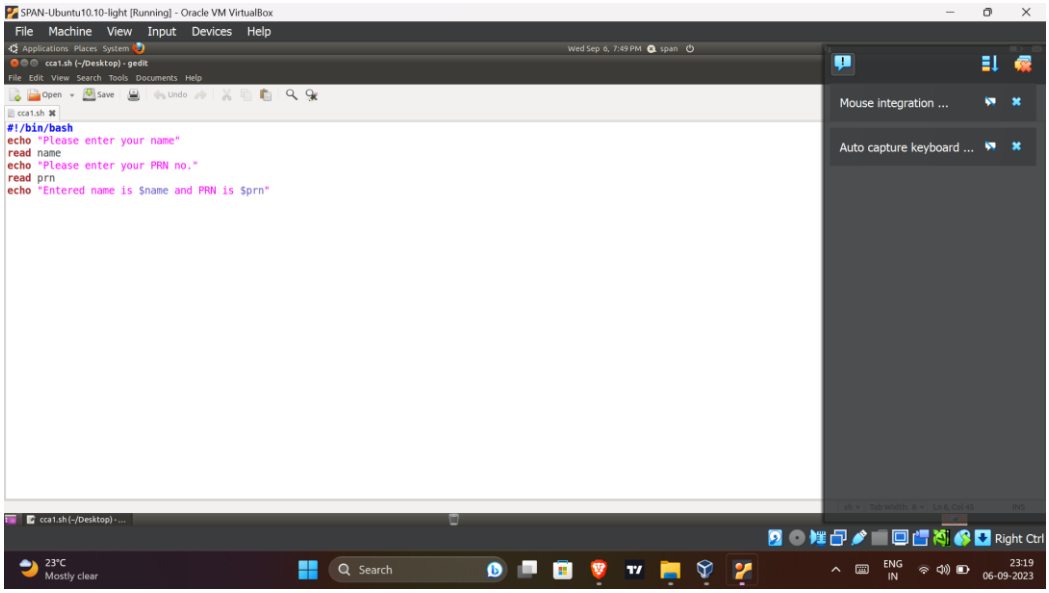
- **Read command**

The Linux read command is used to read the contents of a line into a variable. This is a built-in command for Linux systems. Therefore, we do not need to install any additional tools. It is an easy tool to take user input when creating a bash script.

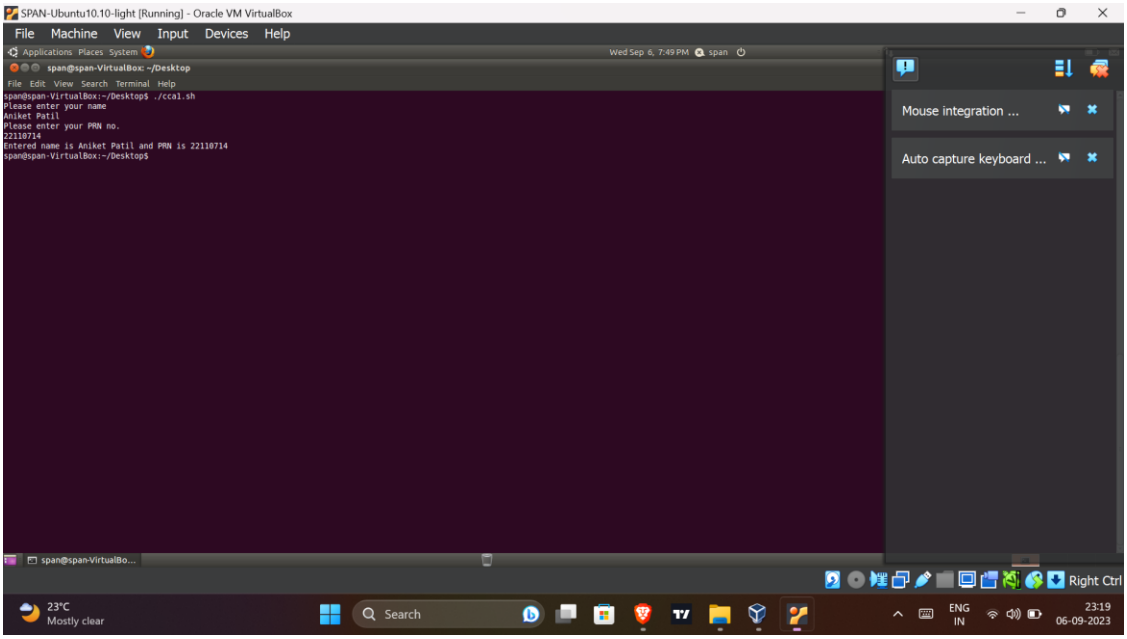
Syntax:

read <variable_name>

- **Code**



Output:



Conclusion:

Thus, we have successfully take the input with using variable from user and print the relative value of that variable.