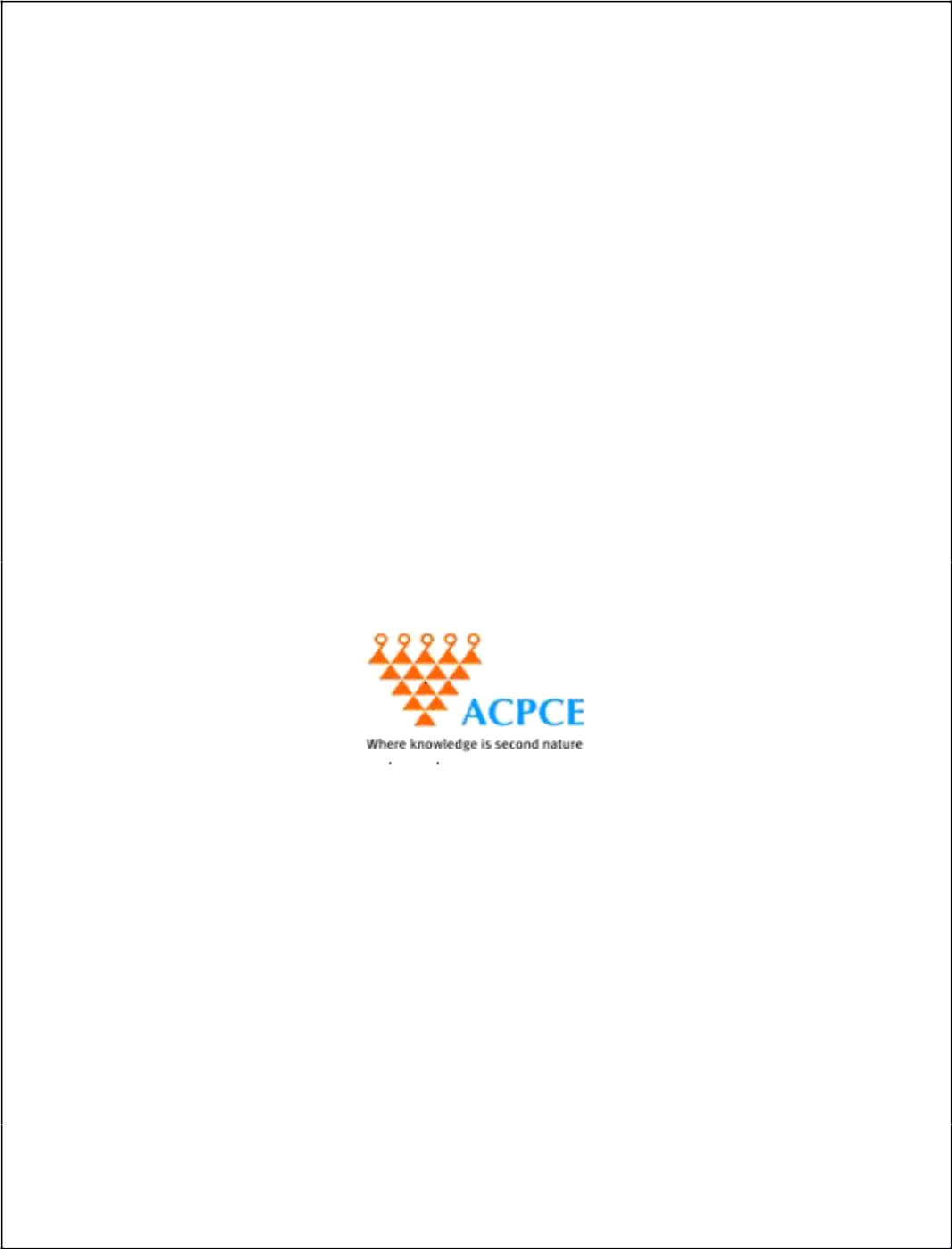
*Jawahar Education Society’s A.C.Patil College Of Engineering*

***‘Operating System’***

*MINI-PROJECT REPORT ON*

***“Simple Interest”***

*DEPARTMENT OF COMPUTER ENGINEERING 2017-2018*

*Class–S.E(Computer)*

*SEM-4*

***SUBMITTED BY***

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**What is Shell Script ?**

A shell script is small computer program that is designed to be run or executed by the Unix shell, which is a command-line interpreter. A shell script is basically a set of commands that the shell in a Unix-based operating system follows. Like actual programs, the commands in the shell script can contain parameters and subcommands that tell the shell what to do. The shell script is usually contained in a simple text file.

A shell script is program composed of a series of operating system commands that are executed by the command-line interpreter or the shell in sequence. It is called a shell script because the individual commands are combined to form a "script" that the shell follows and executes, very much like how an actor/actress follows the script written for him/her.

A shell script is useful for repetitive tasks that would become time consuming if manually typed in then executed one at a time. For example, programmers and developers use shell scripts to automate their code compile process so that instead of typing in a series of long commands, they just execute the shell script. This is especially helpful for them because they often compile and test code, sometimes multiple times, in one single minute.

## What does Simple Interest mean?

Simple interest is determined by multiplying the daily [interest rate](https://www.investopedia.com/terms/i/interestrate.asp) by the principal by the number of days that elapse between payments. Calculating the Simple Interest by collecting the Principle Amount, Time and Rate of Interest. Simple interest is a quick method of calculating the interest charge on a loan.

**Source Code:**

echo "Enter Amount:"

read p

echo "Enter Time:"

read t

echo "Enter ROI:"

read r

i=` expr $p \\* $t \\* $r `

i=` expr $i / 100 `

echo "Simple Interest is: $i"

**Output :**

student@project-OptiPlex-360:~/Desktop$ bash simpleinterest.sh

Enter Amount : 15000

Enter Time : 1

Enter ROI : 7

Simple Interest is : 87.5

student@project-OptiPlex-360:~/Desktop$