# Assignment Number: 5-c-4

# Problem Statement:

Write a MATLAB program to find simple interest using function.

# Inputs:

* Input three variable
* p – principle
* r – rate
* t – time

# Outputs:

* s\_i- simple interest

# Pseudocode:

* Create a function with 1 output and 3 input argument
* Input the values of P , R , T
* Calculate the simple interest using the formula

s\_i=(p\*r\*t)/100

# Program: simple\_interest.m

% script file : simple\_interest

% objective :

% to calculate the simple intersest

% record of revision :

% DATE PROGRAMMER DESCRIPTION OF CHANGE

% ======== ============= ====================

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% define variable :

% P – principle

%R – rate

%T – time

function[si]=s\_i(p,r,t)

si=(p\*r\*t)/100;

end

# Test Results:

s\_i(10,50,2)

ans =

10