**Instructions:**

**PART A: WRITE BASH SHELL SCRIPT CODE**

**Write the answer to each question below the question in the space provided.**

1. Write a Bash shell script that clears the screen and displays
the text **Hello World** on the screen.What **permissions** are required to run this Bash shell script?

What are the different **methods** to run this Bash shell script from the command line?
2. Write a Bash shell script that clears the screen, prompts the user for their **full name** and then prompts the user for their **age**, then clears the screen again and welcomes the user by their name and tells them their age.

What comments would you add to the above script’s contents to properly document this Bash shell script to be understood for those users that would read / edit this Bash shell script’s contents?

1. Write a Bash shell script that will first set the value of a read-only variable called **dogFactor** to **7**.
The script will then clear the screen and prompt the user to enter the age of a dog in human years (which will be stored into a variable called **humanYears**).

The script will store in a variable called **dogYears** the value of **humanYears x dogFactor**
The script will then clear the screen a second time and then display the age of the dog
in *“dog years”*.
2. Write a Bash shell script that will clear the screen and then display all arguments that were entered after your Bash shell script when it was run.

Also, have the Bash shell script display the
number of arguments that were entered after your Bash shell script.

**PART B: WALK-THRUS**

**Write the expected output from running each of the following Bash shell scripts
You can assume that these Bash shell script files have execute permissions.
Show your work.**

1. **cat walkthru1.bash**#!/usr/bin/bash
word1=”counter”
word2=”clockwise”
echo “The combined word is: $word2$word1”

**WRITE ROUGH WORK AND OUTPUT FROM ISSUING:
./walkthru1.bash

ROUGH WORK:

OUTPUT:**

1. **cat walkthru2.bash**#!/usr/bin/bash
echo “result1: $1”
echo “result2: $2”
echo “result3: $3”
echo “result 4:”
echo “$\*”

 **WRITE ROUGH WORK AND OUTPUT FROM ISSUING:
./walkthru2.bash apple orange banana

ROUGH WORK:

OUTPUT:**

1. **cat walkthru3.bash**#!/usr/bin/bash

for x in 1 2 3 4 5
do

 if [ $((x % 2)) -eq 0 ]

 then

 echo "this"
 else

 echo "that"
 fi

 done

**WRITE ROUGH WORK AND OUTPUT FROM ISSUING:
./walkthru3.bash

ROUGH WORK:

OUTPUT:**