

Sheet #2: FORTRAN basics

1- What, if anything, prints when each of the following FORTRAN statements is performed? If nothing prints, then answer “nothing.” Assume $x = 2$.

- a) write (*,*) x
- b) write (*,*) "x="
- c) write (*,*) "x = " , x
- d) read (*,*) x

2- Which of the following are correct FORTRAN statements?

- a. write (*,*) x1
- b. write (*,*) "x = " ,
x
- c. real :: no1,b1,lv
- d. real :: no1=10, r2

3- The following program has syntax errors. Correct them. On each successive line, assume that any preceding error has been corrected.

```

integr :: x,y
write(*,*) "Enter first no:"
read (*,*) x
write(*,*) "Enter second no:
rea (*,*) y
real :: v1
write (*,*)"rr= " , rr," y= " y
    
```

4- Write a program that produces the following output:

```

*****
*      Programming Assignment 1      *
*      Computer Programming I        *
*      Due Date: Thursday, Jan. 24   *
*****
    
```

5- write a program that asks the user to enter two number. The first no is integer while the second number is float. Then print the two numbers