# Question 01

## A)

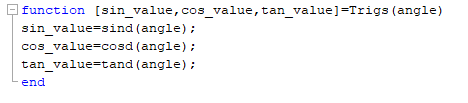
False

## B)

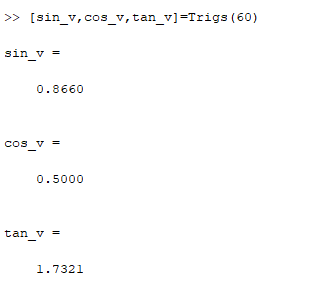
False

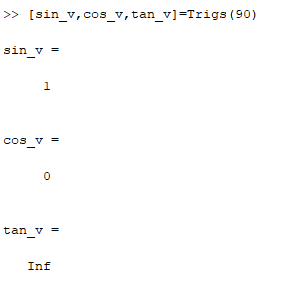
# Question 02

## Code



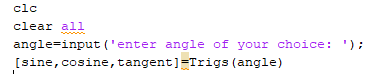
## Output



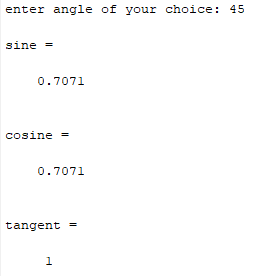


# Question 03

## Code



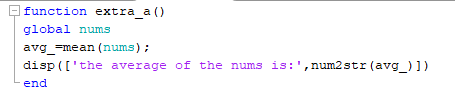
## Output



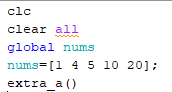
# Extra Credit

## Code

### A)



### B)



## Output

## 