1. R- Programme Assignment– Creating Inverse Mat

makeCacheMatrix <- function(x = matrix())

{

  j <- NULL

  set <- function(y){

  x <<- y

  j <<- NULL

  }

  get <- function()x

  setInverse <- function(inverse) j <<- inverse

  getInverse <- function() j --

  list(set = set, get = get,

  setInverse = setInverse,

  getInverse = getInverse)

}

1. R—Programme Assignment – Solution

cacheSolve <- function(x, ...) {

## Return a matrix that is the inverse of 'x'

  j <- x$getInverse()

  if(!is.null(j)){

  message("getting cached data")

  return(j)

  }

  mat <- x$get()

  j <- solve(mat,...)

  x$setInverse(j)

  j

}