```
makeCacheMatrix<-function(x=matrix())</pre>
{
i<-NULL
set<-function (y)
x<<-y
i<<-NULL
get<-function()x
setinverse<-function(inverse)
i<<-inverse
getinverse<-function()i
list(set=set,
get=get,
setinverse=setinverse,
getinverse=getinverse)
This function computes the inverse of the special "matrix" returned by makeCacheMatrix above.
If the inverse has already been calculated (and the matrix has not changed), then cacheSolve
should retrieve the inverse from the cache
cacheSolve<-function(x,...)
i<-x$getinverse()
if(!is.null(i))
message ("getting cached data")
return (i)
}
data<-x$get()
i<-solve(data,...)
x$setinverse(i)
}
```