EBSONS
Date / /

Write R program to create a matrix of 4 rows and 2 columns. Load the data randomly using vector into the matrix. Calculate transpose, eigen, inverse of the matrix. Perform the crossproduct of matrix operation.
Also access subset of matrix element of suitable rows and columns.

```
m = matrix( data = c(1:8),
            nrow = 4, ncol = 4,
            byrow = TRUE)
m[1:2, 1:2]                    # subset
mtranspose <- t(m)             # transpose
eigen(m)                       # eigen
solve(m)                       # inverse
crossprod(m)                   # find crossproduct

m[1,]                          # to access
m[2,]                          # subsets
m[3,]
m[4,]
m[,1]
m[,2]
m[,3]
m[,4]
```