DATA211 Worksheet 1 Name

1. Create a vector z as (3, -6, 7, 8); Create x as 10. Find z\*x
2. Create a list as (3, z, “hello”)
3. Create a matrix as
4. Create a data frame for the following data. The variable “starting date” can be a character variable.

|  |  |  |
| --- | --- | --- |
| Name | Salary | Starting date |
| John | 21000 | 2010-11-01 |
| Peter | 23400 | 2008-02-15 |
| Julie | 26800 | 2007-12-11 |

1. Add a row of “Mary with salary of $50000, starting date of “2009-11-1” to the data frame in previous activity
2. Add a column of gender to the above date frame (assign gender according to the names)