**makeVector() Function**

1. Initialize parameter object x
2. Set m to NULL
3. Define set function:
   1. Initialize parameter object y
   2. Set the value of x in parent environment to y
   3. set the value of m in parent environment to NULL
4. Define get function as print x
5. Define getmean function as print m
6. define setmean function
7. Create and return unnamed object as a list containing the four functions set, setmean, get, and getmean

**cachemean() Function**

1. Initialize parameter x
2. Set m to the result of getmean() from the x object
3. Check whether the value of m is NULL
   1. NO: return the value of m to the parent environment and exit cachemean()
   2. YES: continue
4. Set data to the result of get() from the object x
5. Set m to the result of executing the mean() function with data as the input vector
6. Return m to parent environment