3.2

1. Obtain the elements of the union between two character vectors.

vec1 = c(rownames(mtcars[1:15,]))

vec2 = c(rownames(mtcars[10:32,]))

```
> vec1
 [1] "Mazda RX4"          "Mazda RX4 Wag"      "Datsun 710"         "Hornet 4 Drive"     "Hornet Sportabout"
 [6] "Valiant"            "Duster 360"         "Merc 240D"          "Merc 230"           "Merc 280"
[11] "Merc 280C"          "Merc 450SE"         "Merc 450SL"         "Merc 450SLC"        "Cadillac Fleetwood"
> vec2
 [1] "Merc 280"           "Merc 280C"          "Merc 450SE"         "Merc 450SL"         "Merc 450SLC"
 [6] "Cadillac Fleetwood" "Lincoln Continental" "Chrysler Imperial"  "Fiat 128"           "Honda Civic"
[11] "Toyota Corolla"     "Toyota Corona"      "Dodge Challenger"   "AMC Javelin"        "Camaro Z28"
[16] "Pontiac Firebird"   "Fiat X1-9"          "Porsche 914-2"      "Lotus Europa"       "Ford Pantera L"
[21] "Ferrari Dino"       "Maserati Bora"      "Volvo 142E"
> union(vec1,vec2)
 [1] "Mazda RX4"          "Mazda RX4 Wag"      "Datsun 710"         "Hornet 4 Drive"     "Hornet Sportabout"
 [6] "Valiant"            "Duster 360"         "Merc 240D"          "Merc 230"           "Merc 280"
[11] "Merc 280C"          "Merc 450SE"         "Merc 450SL"         "Merc 450SLC"        "Cadillac Fleetwood"
[16] "Lincoln Continental" "Chrysler Imperial" "Fiat 128"           "Honda Civic"        "Toyota Corolla"
[21] "Toyota Corona"      "Dodge Challenger"   "AMC Javelin"        "Camaro Z28"         "Pontiac Firebird"
[26] "Fiat X1-9"          "Porsche 914-2"      "Lotus Europa"       "Ford Pantera L"     "Ferrari Dino"
[31] "Maserati Bora"      "Volvo 142E"
>
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