```
                                                      ___  ____  ____  ____  ____(R)
                                                     /__    /   ____/   /   ____/
                                                    ___/   /   /___/   /   /___/
                                                      Statistics/Data Analysis

                                                           User: Parmveer Nanreh
                                                  Project: Assignment 2 Wage Results{space -3}

  ___  ____  ____  ____  ____ (R)
 /__    /   ____/   /   ____/
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Notes:
      1.  (/v# option or -set maxvar-) 5000 maximum variables
      2.  New update available; type -  update all -
```

```
1 . use "\\Client\C$\Users\Home PC\Documents\Parmveer's Folder\Econ 3210\Assignment 2\WAGE2.DTA", cle
> ar

2 . sum IQ wage

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
          IQ |        935    101.2824    15.05264        50        145
        wage |        935    957.9455    404.3608       115       3078

3 . regress wage IQ

      Source |       SS       df       MS              Number of obs =     935
-------------+------------------------------           F(  1,   933) =   98.55
       Model |  14589782.6     1  14589782.6           Prob > F      =  0.0000
    Residual |  138126386    933  148045.429           R-squared     =  0.0955
-------------+------------------------------           Adj R-squared =  0.0946
       Total |  152716168    934  163507.675           Root MSE      =  384.77

------------------------------------------------------------------------------
        wage |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
          IQ |    8.303064   .8363951     9.93   0.000     6.661631    9.944498
       _cons |    116.9916   85.64153     1.37   0.172    -51.08078    285.0639
------------------------------------------------------------------------------

4 . regress lwage IQ

      Source |       SS       df       MS              Number of obs =     935
-------------+------------------------------           F(  1,   933) =  102.62
       Model |  16.4150939     1  16.4150939           Prob > F      =  0.0000
    Residual |  149.241189    933  .159958402           R-squared     =  0.0991
-------------+------------------------------           Adj R-squared =  0.0981
       Total |  165.656283    934  .177362188           Root MSE      =  .39995

------------------------------------------------------------------------------
       lwage |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
          IQ |   .0088072   .0008694    10.13   0.000      .007101    .0105134
       _cons |   5.886994   .0890206    66.13   0.000     5.712291    6.061698
------------------------------------------------------------------------------

5 .
```