PME - Assignment 3

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Q(1) Year Price of Milk Granith of Quantity of Parce of Honey. MILKU honey. Soquerts 5010 **\$** 2 100 5011 \$ 1 100 200 \$ 5 2012 \$ 2 100 \$ 4 200

- (a) Compute nominal GDP, real GDP, and the GDP de Glador for each year, using 2010 as base year.
- (b) Compute the percentage change in nominal GDP, seal add & add glores in soil & sois Brow preceding year. For each year, identify the variable that does not change.
 - (c) Did economic well-being size most in 2011 os 2012 ? Explain.

Real CADE of 5010 = (1x100)+(5x50)

CODP deflator Ger 2010 = 100x (nominal COD

= 400

Paices did not change from 2010 to 2011. Thus I. Change in GDD deflator is O. Likewise outfut level did not change from 2011 to 2012. Thus, I. change in Real GDD is O.

- (C)
 Economic well being sose mox in 2011 than in 2012, since seal ADP sose in 2011 but not in 2012. In 2011, seal ADP sose but prices did not. In 2015, seal ADP did not sise but prices did.
- Q2. Suppose that an auto company owned entirely by Creman citizens opens a new factory in South. Caroline.
- (a) What sort of Gosegin investment would this refresent?
- (b) What would be the effect of this investment on us GDP?
- (c) would the effect on US GNP be larger or Smaller?
- (a) This will show Foreign Direct Investment (FDI) because company is completely owned by German citizens 8 hence operated by them.
- (5) This will increase the US GDP because. It increases the production in US. Hence per capita income & consumption increases. Tox revenue & government spending also rises.
- (c) The effect on US GNP would be Smallet because the owner would get paid a return on their investment which will be the part of German GNP ruther than US GNP.

- Suppose ADP is \$8 stillion, taxes are \$1.5 tillion Suppose ADP 15 \$0.5 stillion, public sawing 15 toillion pairale saving is \$0.5 stillion, public saving 15 to 2 private saving the economy is closed, calculate.
 - (a) Consumption
 - (b) Gout purchase
 - (c) National Saving & investment

(a)
$$S_{pvt} = Y - T - C$$

$$C = Y - T - S_{pvt}$$

$$C = 8 - 1.5 - 0.5 = $6 \text{ billion}$$
Consumption will be \$6 \text{billion}.

In a closed economy investment equals to national sawing. So investment = \$0.7 toillion