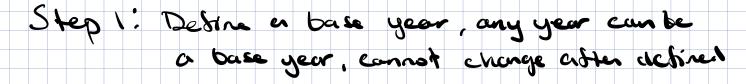
Lon 2 - Lecture 5 - 4/14/25 Lecture Quiz 2 due today Lecture Quiz 3 released Wednesday, due Monday, 4/21 Discussion Activity # 2 this week may be i a midtern > Experimental = Freedback wanter guestion from activities "Beyond classroom/exams ... "Interesting, but unrelated to exams?) If you want a traditional section -> Review Session on Sweeks 4.5,7,9 Thursdays, 536°m Grading: 40 to 50 Lecture Quiz Question Textbook Questions 3 of 5 Discussion Nativities 30 Question Midderin (4/28) DO NOT COUNT 40 Question Final (6/10) Last Class: Nominal GDP= Dollar value of production in a given year 2009 2010 Product Q P Q P Food 1000 1 1500 2 Housing 100 100 150 150 Movies 500 5 1009 10 Nom. GDP correct (CY) = QCY X Pcy (Multiply and add) Nom. GDP 2057 = 1000 × 1 + 100 × 100 + 500 - 5 = 13, 500 Nom. GAP2016 = 1500 ×2 + 150×150 + 1000 ×10 = 35,500 Non GDP increased by ~ 200% because Q1 once PT >62%

Separate price change from output/production change P Real GDP: Value of totel production using prices from a base year (fixed)

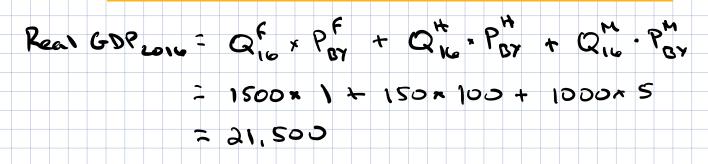


Assume 2009 is base year

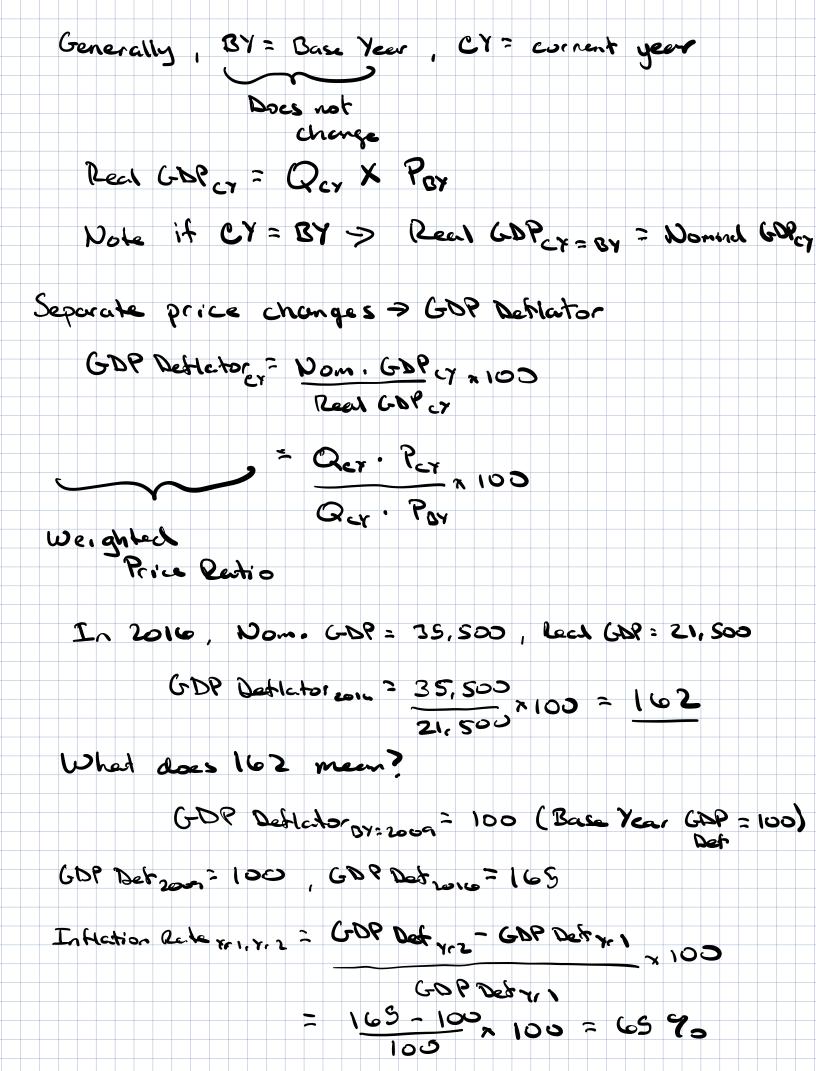
Step 2: Calculate current year Real GDP Using current year Q, and base year P

What is 2016 Real GDR? BY = 2009

	2009		2016		
Product	Quantity	Price		Quantity	Price
Food	1000	1		1 <mark>500</mark>	2
Housing	100	100		150	150
Movies	500	5		1000	10



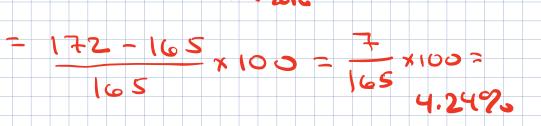
If prices did not change between 2009 7 2016, the 2016 Nominal GDP world have been 21.500 NOT 35,500!







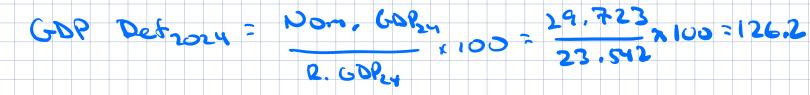
GAP Detron



Q 2 2020: Nom. GDP=19.935 T, Q GDP=19.056T

Q4 2024; Nom. GOP = 29.7237, QGOP = 23.5427









104.6

Goal # 2: Stable Prices

GDP Deflator measures price changes using components of GDP

Inflation : Prices are rising Dediation: Prices are falling Disinstation- Intection is decreasing, but still positive

Stable Prices & Ledered Reserve torget 2%. New Zealand Centrel Bank in late 80s ~ 220 by 92'

Why not target high inflation rate? High in Station > high volatility (spread)

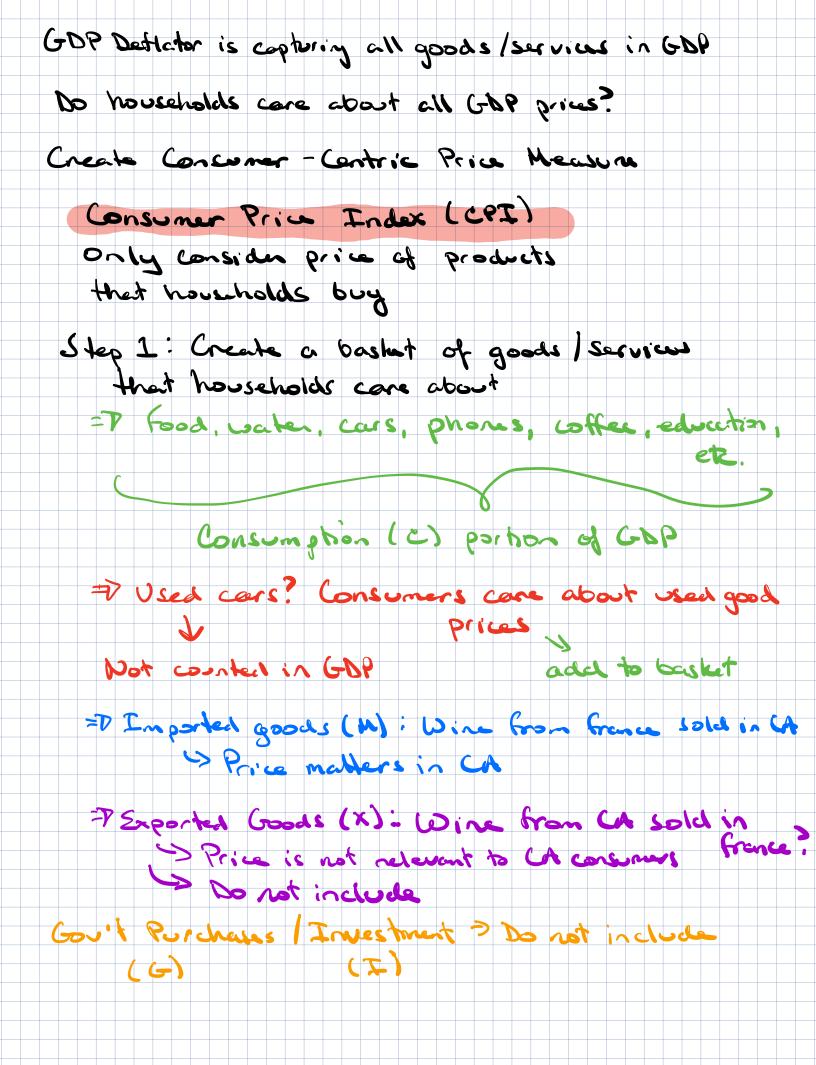
Why not target 0%.? Policynahors want to avoid a deflationary spirce

Expect Falling Prices > Consumers will delay purchases

Demand -> Job loss Decrense

Allos debt holders to Benchts of inflation :

> experience decreasing real values



Step 2: Assign a weight to each good > Reprivent its importance to average hashald budget

Lasik, in 2000, prices = " (0,000 leye) 80%

weight? 0.3323

Food = 13.5%, Shelter = 36.7% E du cation = 1.2%