Products:

			= 1
product id	product_name	pnice	wanehouse_id
P,	Laptop	1000	(W)
P2	Mouse	20	W2

Customens:

			5
customes id	customer name	customen address	phone number
Cı		123 Main St	
Ci	Alice	1,56 Pank Ave	585-5678

Product-Suppliens-On dens:

product id	supplien id	onden_id
Pı	S. S	101
ZP2	S 2	3/10/

Denonmalized - Ondens

iden.	onden_ date	customer id	customen. name	customen_ addness	product. id	product_ name	quantity	рпісе
101	2023-01-01	Ст	Alice	123 MainSt	Pı	Laptop	2	1000
101	2023-01-01	CI	Alice	123 Main St	P2	Mouse	3	20
102	2023-0102	(2	Bob	456 Oak Ave	Pa	Keyboond	ı	60

Task 1: INF

nden_ id	Onden. date	customen i d	customen, n ame		product_ i d	product. n ame	quantity	pnice
[0]	2023-01-0	Cı	Alice .	123 Main St	P,	Laptop	2	1000
101	2023-01-0	C '	Alice	123 Main St	P ₂	Mouse	3	20
102	2023-01-02	C 2	Bob	486 Oak Ave	Ps	Keyboand	t	60

Task 2:2NF

Ondens

onden id	onden_date	customez-id
101	2023-01-01	C ₁
102	2023 -01-02	C2

Customens

customen_id	customez_name	customez_addzess
C,	Alice	123 Main St
C ₂	Bob	456 Oak Ave

Task 3: 3NF:

Onden_Details

onden_id_	Product_id	quantity
101	P ₁	13 1117.18
101	P2	ova ta
102	Pa	1

icko bilgonosio il 871 il il 83;: il) il 83;: illones:

Products:

		5 -O.H.
product_id_	product name	Daice
Р,	Laptop	1000
P ₂	Mouse	20
Рз	Keyboand	50

Pask 4: BCNF:

Product Warehouse Table

productid	wanehouse id
, P.	W ı
P2	W 2

Products:

product_id	product_name	price
P	Laptop	1000
Pa	Mouse	20

- 303 10 - 889 10 - 1149: 6 darl

Task 5:4NF:

Customen_Addnesses:

customer_id	addness
C,	123 Main St
Cı	486 Pank Ave

Customen_Phones:

customer id	phone number
C1	555 -1234
C1	555 - 5678

Task 6: 5NF:

Prioduct-Suppliens:

product_id	supplien id
P	S1
P ₂	S2

Supplien_ Ondens:

suppliestid	onden_id
S,	
S 2	10%

Product-Ondens:

product_id	onden id
Pı	101
P ₂	101

emportonborg ti

: BCNF:

Reybound

Wassehouse Table

: VY'

product anne price

DENO/A

Task: 7: Denommalization:

onden-id	onden- name	customez. id	customes, name	рлоduct. i'd	pnoduct. name	a uantity	pnice
101	2023-01-0	Alice	La Alice	Pı	Lapto P	2	1000
101	2023-01-01	Ather	Alice	P ₂	Mouse	3	20
102	2023-01-02	₽ C2	Bob	Pa	Keyboad	ı	60