# APLIKASI CHATBOT UNTUK INFORMASI PILIHAN LAPTOP

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#### BAHASA YANG DIGUNAKAN DAN TATA BAHASA

NO.	Simbol	Jenis Kata	Contoh Kata
1	V	Verb (kata <u>kerja</u> )	Considered, wanted
2	N	Noun (kata <u>benda</u> )	Price, asus, cheapest, list, laptop, hp, expensive, rupiah
3	Det	<u>Determiner(</u> kata penentu)	The, a
4	Adj	Adjective(kata sifat)	Most, 11.099.000
5	Adv	Adverb(kata keterangan)	best
6	tb	tobe	is

bahasa yang dugunakan: bahasa inggris

#### JUMLAH KOSA KATA YANG DIGUNAKAN

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S => NP VP | NP VP PP | NP PP VP

NP => Det N | NP PP | adj N | adv N | N | Det adj N | Det adv N

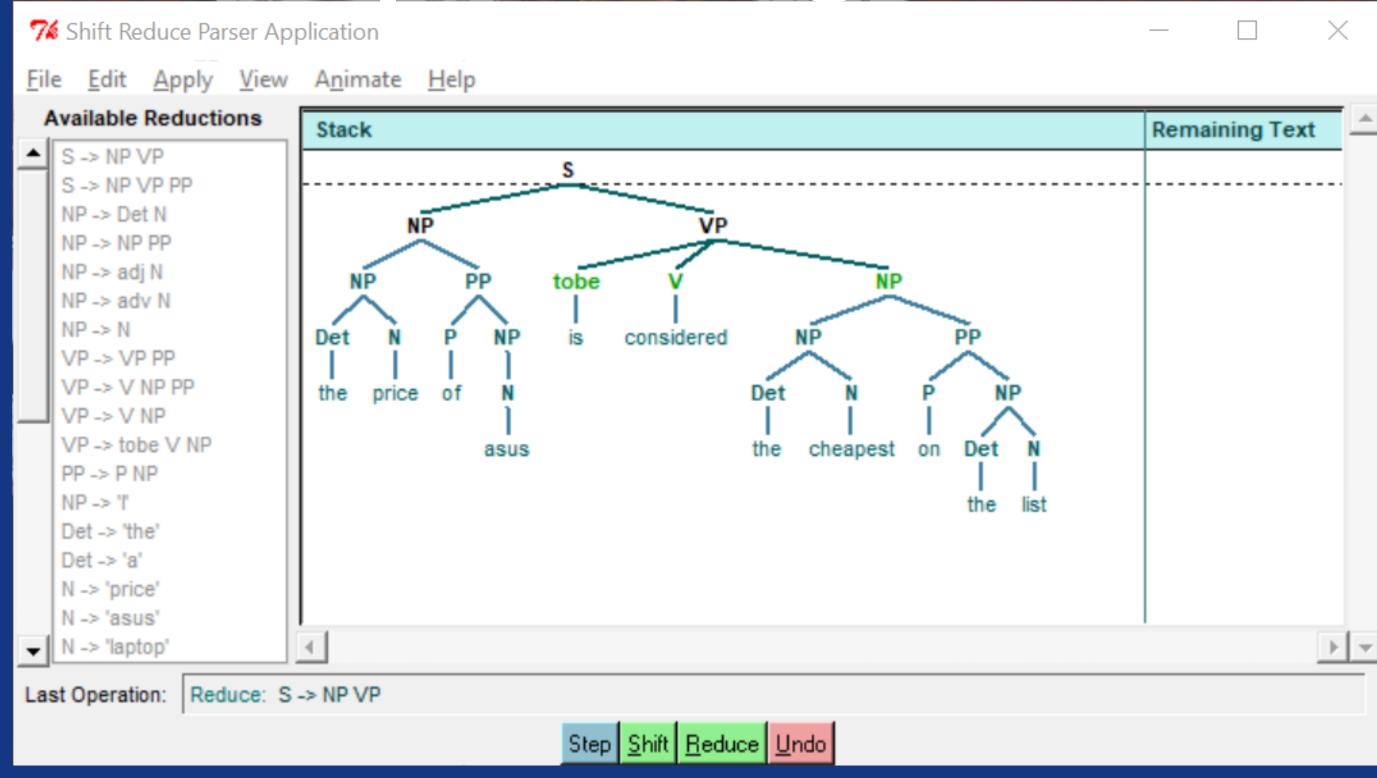
VP=> VP PP | V NP PP | V NP | tobe V NP | tobe NP

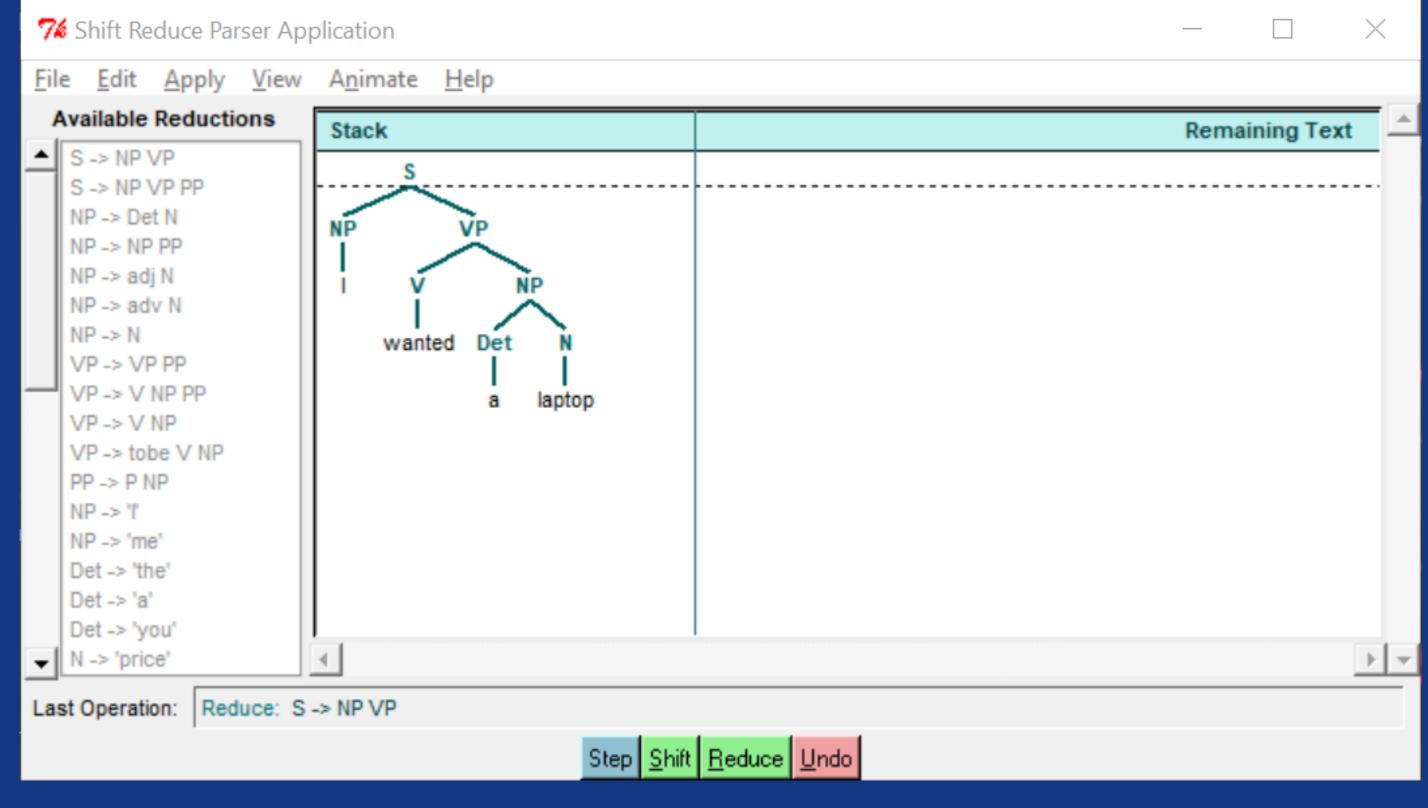
PP=> P NP

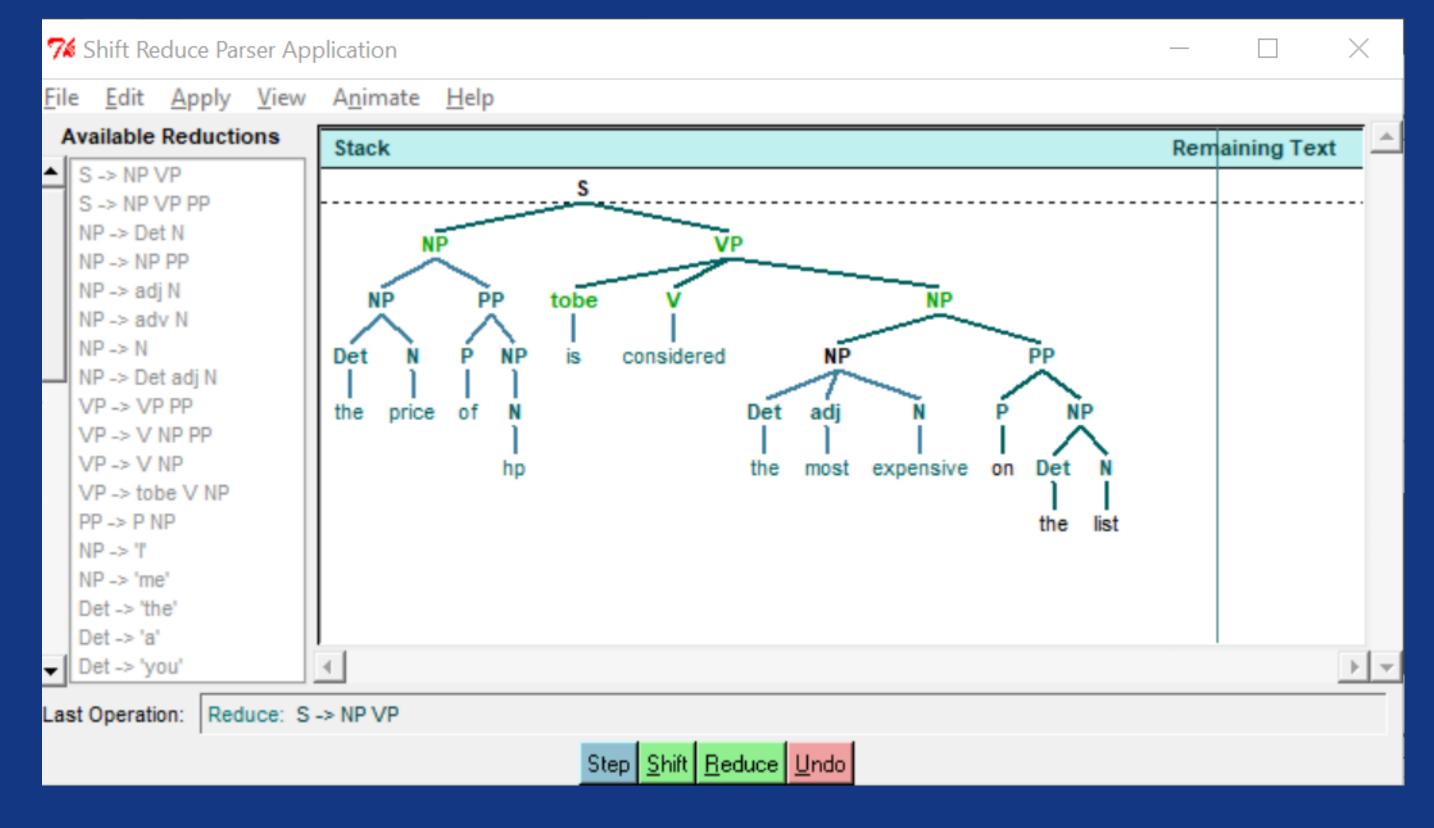
Det => the | a
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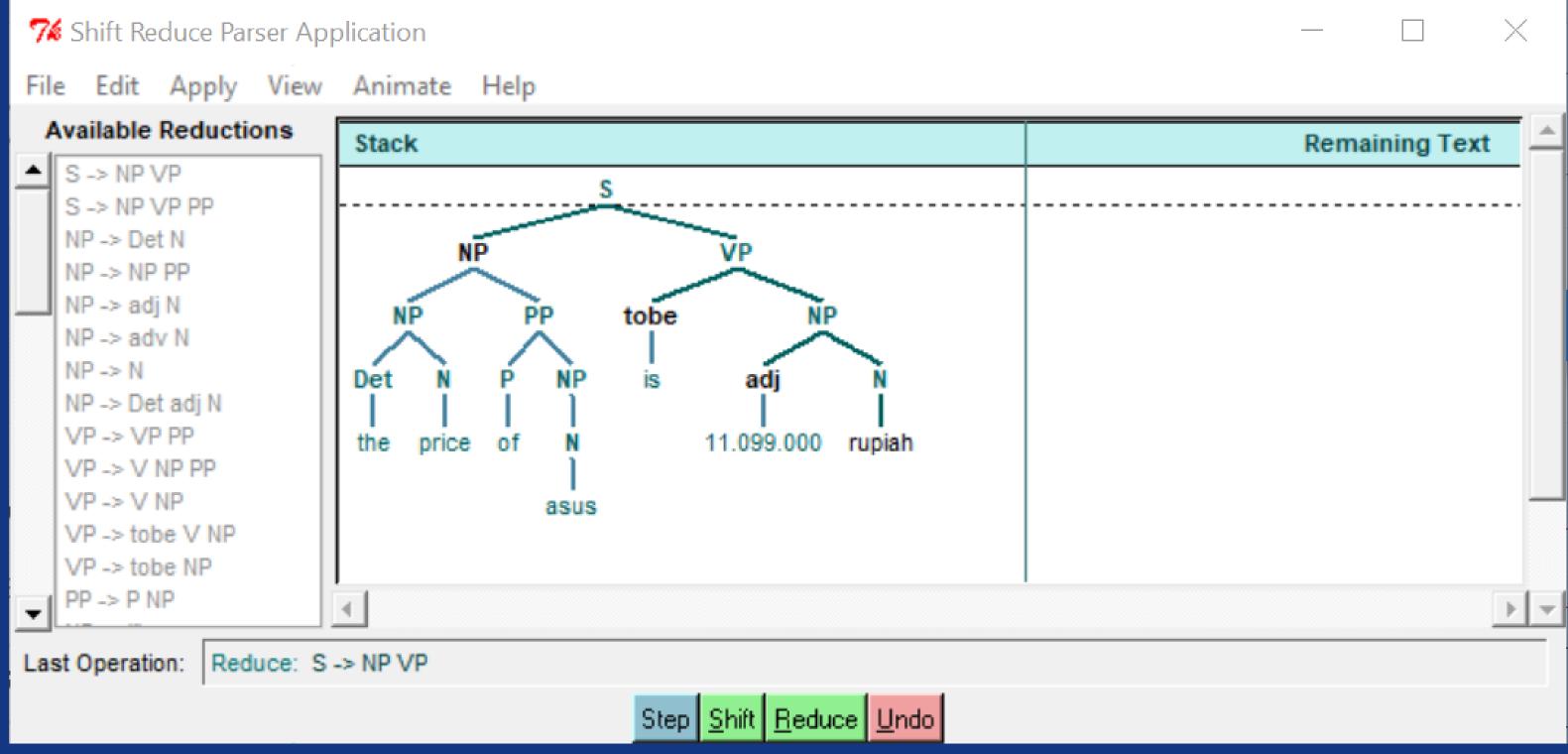
#### PERCAKAPAN

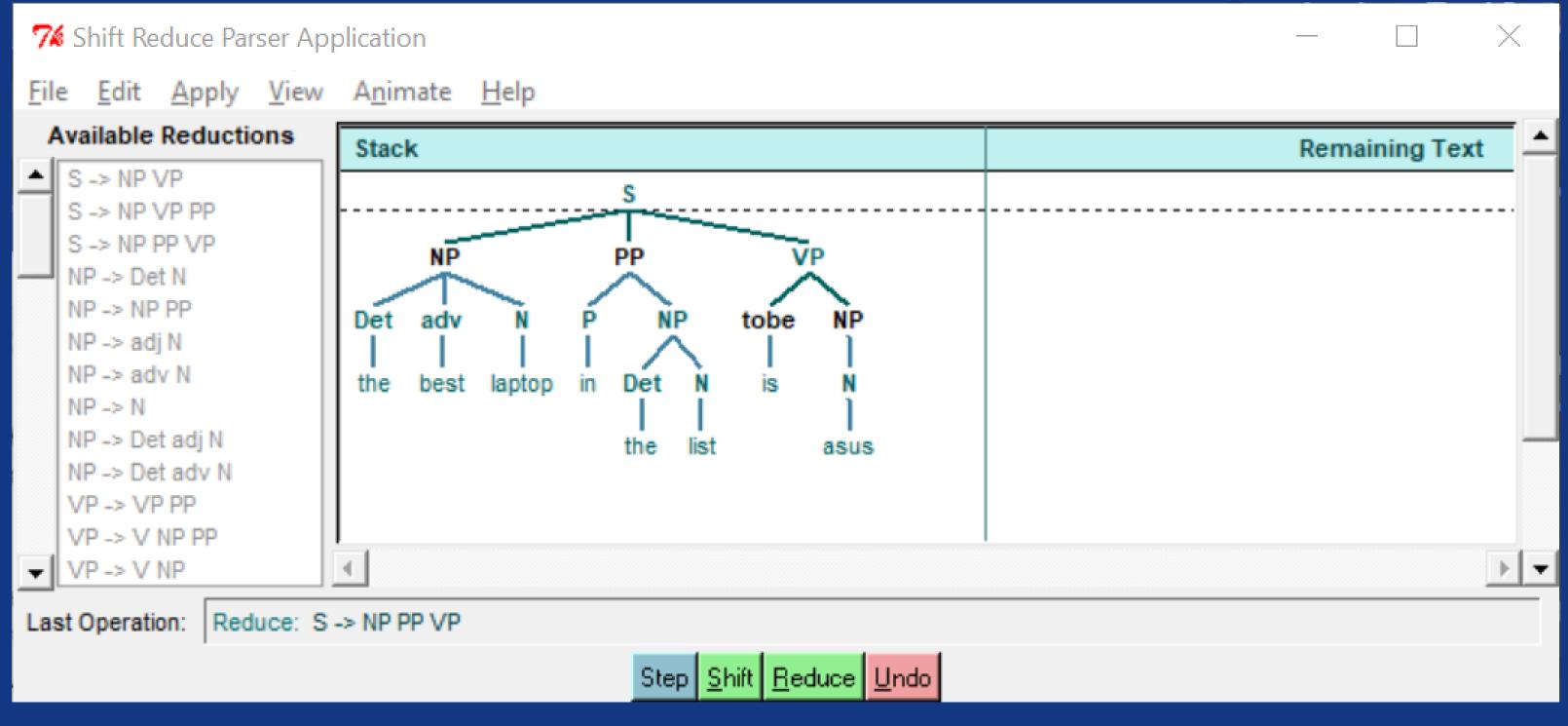
USER	BOT
HI   HELLO	Hello, can I help you?
Yes, show for help	Show menu > view a menu list
What is the spesofication of asus rog strix?	.txt
How much is asus rog strix?	The price of asus rog strix is ro 11.297.000
What is the best laptop for now?	The best laptop is asus zephyrus s
What is the most expensive laptop here?	The price of asus zephyrus s is Rp 32.999.000, it is the most expensive Laptop here
what is the cheapest Laptop here?	The price of asus tuf gaming is Rp 11.099.000, it is the cheapest Laptop here
'goodbyelbye'	"goodbye", "have a nice day"
' <u>thank</u> you',	" <u>you</u> are welcome"

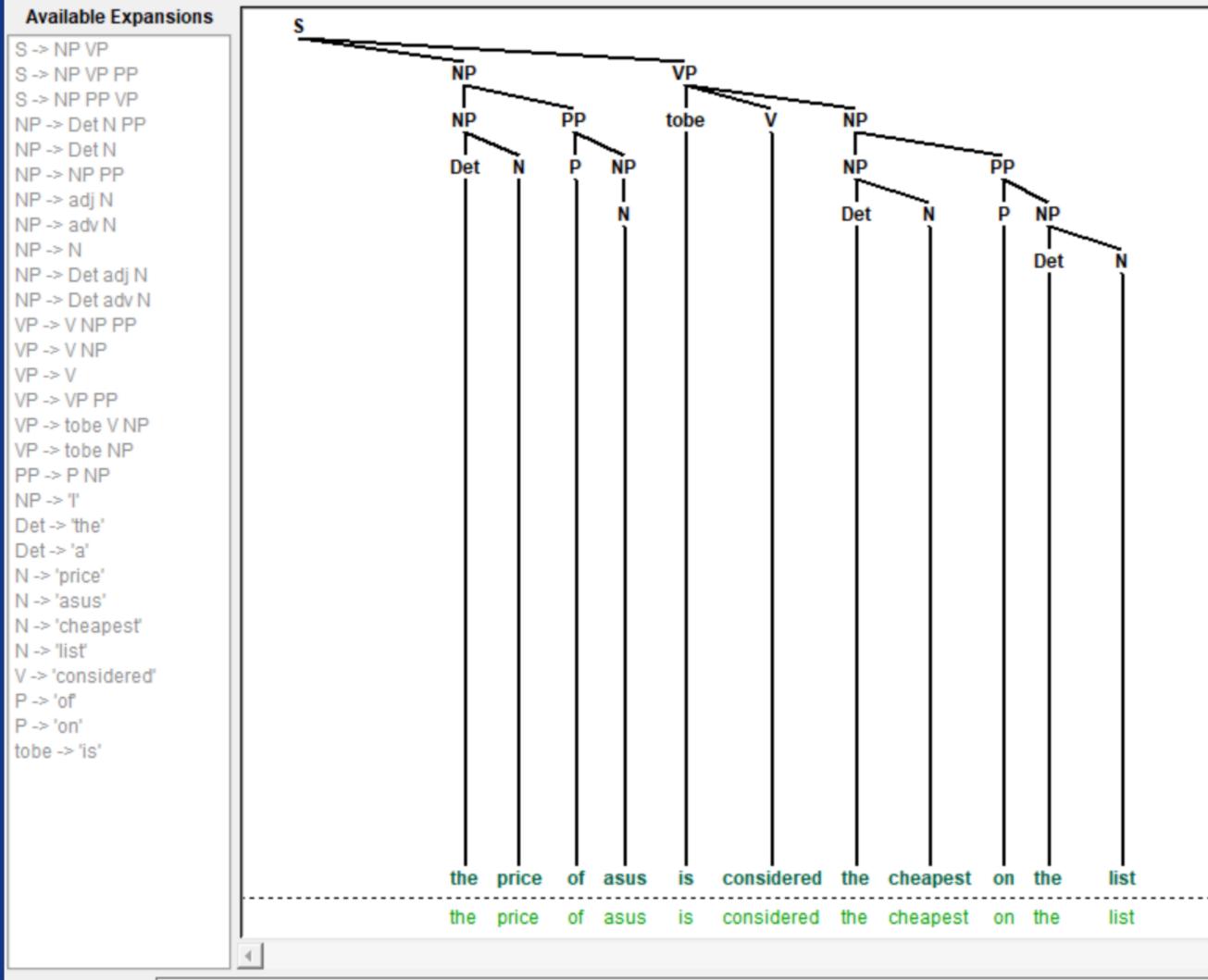




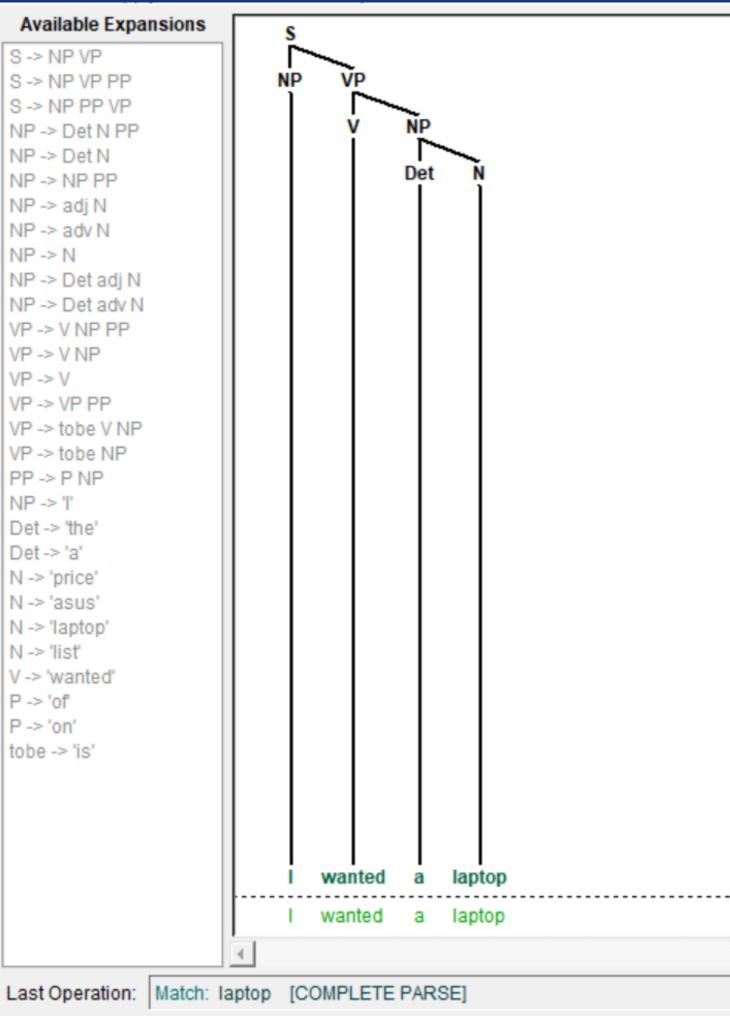


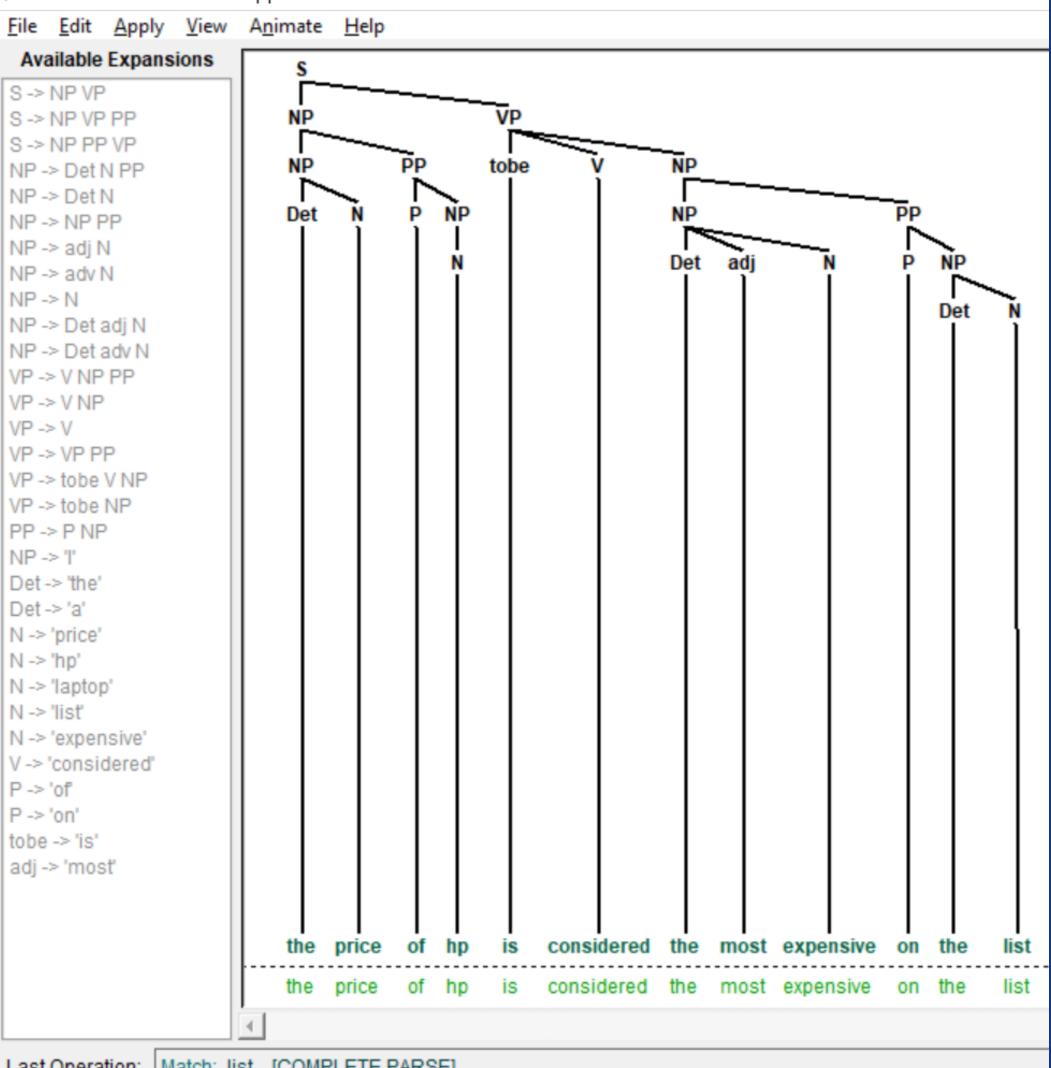




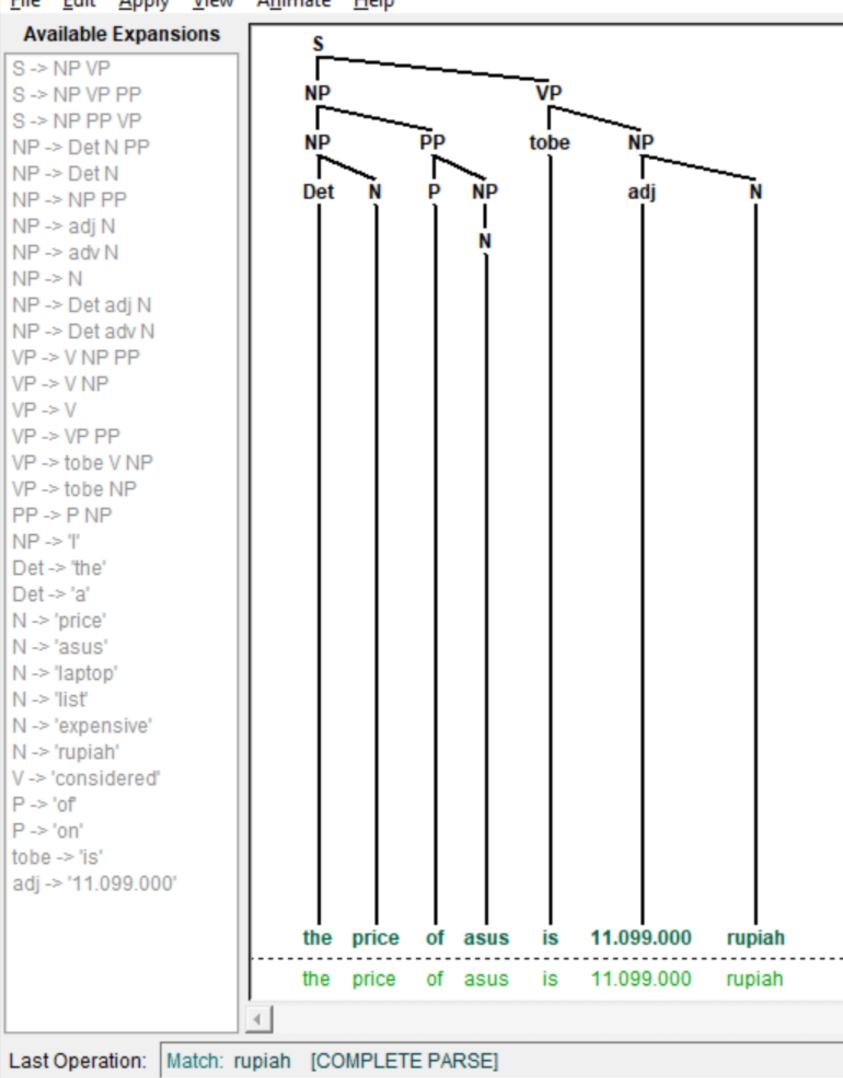


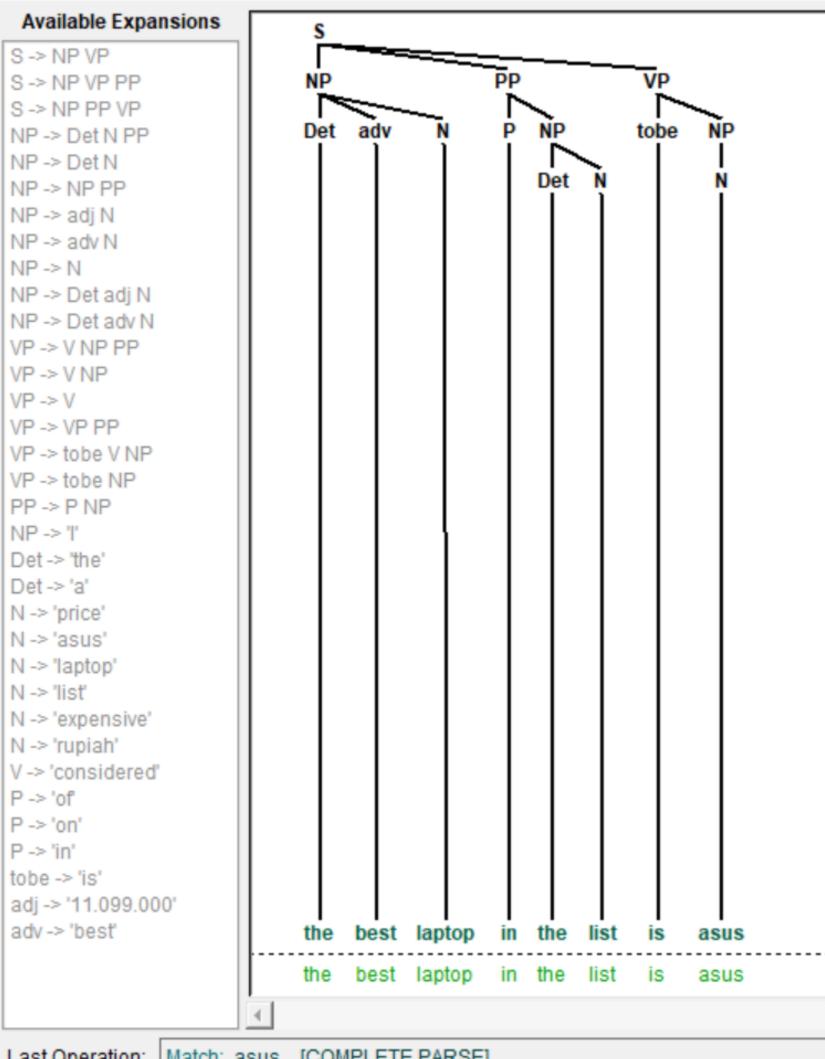
Land Control Hall Hall Hall Hall FTE BARO





Last Operation: | Match: list [COMPLETE PARSE]





Last Operation: Match: asus [COMPLETE PARSE]

"The price of asus is considered the cheapest on the list"

- Logical Form (price)(The, of asus)( considered the cheapest)(on the list)
- Thematic Roles

instrument = asus

theme = the cheapest

AT-LOC = on the list

"i wanted a laptop"

- Logical Form(wanted)(I)(a)(laptop)
- Thematic Roles

Agent = I
event = wanted
instrument = laptop

"the price of hp is considered the most expensive on the list"

- Logical Form (price)(The, of hp)( considered)( the most expensive)(on the list)
- Thematic Roles

nstrument = asus

theme = the most expensive

AT-LOC = on the list

"the price of asus is 11.099.000 rupiah"

- Logical Form (asus)(the price)( is 11.099.000 rupiah)
- Thematic Roles

nstrument =asus

theme = the price of asus

AT-Value = 11.099.000

"the best laptop in the list is asus"

- Logical Form(laptop)(the best)(in the lista)( is asus)
- Thematic Roles

nstrument =asus

theme = the best laptop

Co-agent = the list

