

Play with Chatbots

Name		Date	
Class / Sec		Roll no.	

1 · AIM

To interact with four different chatbots, classify each as a **script-bot** or a **smart-bot** by deliberate testing, and diagnose which stage of NLP the weakest one fails at.

2 · SOFTWARE AND TOOLS USED

TOOL	WHAT IT IS FOR
A browser	Nothing to install, nothing to pay for
Elizabot	masswerk.at/elizabot — a recreation of the first chatbot, from 1966
Kuki and Cleverbot	kuki.ai and cleverbot.com
Singtel support	singtel.com/personal/support — a commercial support bot

3 · THEORY

A **chatbot** is a program designed to simulate human conversation. A **script-bot** follows a fixed script and repeats itself when you step outside it. A **smart-bot** works on larger databases, learns from data, and attempts an answer even to unexpected input.

TERM	WHAT IT MEANS
Script-bot	Runs a programmed script. Easy to build, free, limited
Smart-bot	AI-powered, learns with more data, needs coding, wide functionality
The test	Say something unexpected and watch what comes back
ELIZA effect	Feeling understood by a bot that understands nothing at all

The thirty-second test: Say something the bot could not have expected. A **script-bot repeats itself** identically every time. A **smart-bot fails in a NEW way** — and failing in a new way is itself evidence of intelligence.

4 · METHOD

This entry is a **worked activity** rather than a program. Follow the attached worksheet, and staple it behind this cover page.

STAGE	WHAT YOU DO	WHAT IT PRODUCES
1	Prepare your test	One sentence to be used on all four bots
2	Talk to all four	A record card for each, with the exact reply
3	Compare and classify	A script-or-smart verdict for each, with evidence
4	Diagnose the failure	Which of the five NLP stages the worst bot fails at

Attached worksheet: Activity_Play_with_Chatbots — the full worksheet with a record card for each bot and the classification table. Complete it and staple it behind this page.

5 · RESULTS

Record your key figures here, then attach the completed worksheet and screenshots behind this page.

WHAT TO RECORD	YOUR RESULT
Your test sentence	
Elizabot / Kuki — script or smart?	
Cleverbot / Singtel — script or smart?	
The stage the weakest bot failed at	

[ATTACH WORKSHEET AND SCREENSHOTS HERE]

The completed Play with Chatbots worksheet, with the exact replies recorded word for word

6 • OBSERVATION AND RESULT

Two or three sentences in your own words. Say how you classified them, and quote the reply that gave one away.

Example observation: Using the same unexpected sentence on all four bots made the difference clear. Elizabot and the Singtel support bot repeated fixed responses, which identifies them as script-bots, while Kuki and Cleverbot attempted answers and referred back to earlier messages. The Singtel bot failed at discourse integration — it could not connect a follow-up question to what had just been asked.

7 • VIVA QUESTIONS FOR THIS ENTRY

LIKELY QUESTION	SHAPE OF A STRONG ANSWER
Why use the same sentence on all four?	So any difference in the replies comes from the bots , not from what was asked
How did you tell script from smart?	A script-bot repeats itself identically. A smart-bot attempts an answer and may fail in a new way
Which NLP stage did the weakest bot fail at?	Usually discourse integration or pragmatics — the last two stages, needing memory and intent
What is the ELIZA effect?	Feeling understood by a system that understands nothing. Feeling understood is not evidence
Show me a reply that gave a bot away.	Have one quoted exactly. This is the strongest possible answer here

8 • HOW THIS ENTRY IS MARKED

FULL MARKS

The **same test sentence** used on all four · exact replies recorded **word for word**, not summarised · a verdict for every bot with evidence · a named NLP stage for the failure · a quoted exchange proving it

LOSES MARKS

A different question asked of each bot, so nothing can be compared · replies paraphrased instead of quoted · verdicts with no evidence · "it was bad at understanding" instead of a named stage

Before you submit: Record the replies **word for word** while the conversation is still open. You will not remember the exact wording tomorrow, and the exact wording is the evidence.