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Practical-10
Manual Testing

There are 4 types of test cases in our project:

1) Every keyword(s) required for the specific output is/are included in the input:(then expected output is given)

   #google search for video:

   Words to be included: google, search, video

```
 _____
/ Hey Dhruvi! Dhenu here! What can I do \
\ for you?                              /
 -----------------------------------
        \    ^ __ ^
         \  (oo)_____
            (__)\       )\/\
              ||----w |
              ||     ||
-> search a video for me from google
 _____
< Enter keyword/s to search on Google >
 -----------------------------------
        \    ^ __ ^
         \  (oo)_____
            (__)\       )\/\
              ||----w |
              ||     ||
Operating Systems
 _____
/ How many approx search result do you \
\ want?                                 /
 -----------------------------------
        \    ^ __ ^
         \  (oo)_____
            (__)\       )\/\
              ||----w |
              ||     ||
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 1.   Operating System
      https://www.youtube.com/playlist?list=PLBlnK6fEyqRiVhbXDGLXDk_OQAeuVcp2O

-> _
```

#System properties:

Words to be included: system, properties

```
 _____
/ Hey Dhruvi! Dhenu here! What can I do \
\ for you?                              /
 ------------------------------------
         \   ^__^
          \  (oo)_____
             (__)\       )\/\
                 ||----w |
                 ||     ||
-> show me the system properties
CPU: quad core 11th Gen Intel Core i5-1135G7 (-MT MCP-)
speed/min/max: 2044/400/4200 MHz Kernel: 6.1.12-zen1-1-zen x86_64
Mem: 4201.7/7730.3 MiB (54.4%) Storage: 1.14 TiB (2.0% used) Procs
Shell: cowbot inxi: 3.3.25
-> _
```

#wiki mode:

Words to be included: wiki, mode, on

```
-> turn on wiki mode
 ------------------------------------
/ Turned on Wiki Mode, type exit, off or \
\ quit to return                        /
 ------------------------------------
        \   ^__^
         \  (oo)_____
            (__)\       )\/\
                ||----w |
                ||     ||
Enter your query - AI
.

*

AI is a branch of computer science that focuses on creating intelligent machines that can think and act like humans.
s, and make decisions without being explicitly programmed. AI has a wide range of applications, from medical diagnos

Enter your query - off
-> _
```

2) Some or less keywords than required are included in the input:(gives suggestions)

#google search:

Words to be included: google, search

```
-> search about AI
Suggestion : google search video
Suggestion : google search site
Suggestion : google search stackoverflow
Suggestion : google search
Suggestion : search file
Suggestion : search folder
Suggestion : search history keyword
Suggestion : search history input
Suggestion : search history output
Suggestion : search history date time
Suggestion : search history date interval
Suggestion : search history date
Suggestion : search history time interval
Suggestion : search history time
Suggestion : search history
->
```

#install app:

Words to be included: install, app

```
-> install gnome-clocks
Suggestion : install app
->
```

#google search stackoverflow:

Words to be included: google, search, stackoverflow

```
 _____
/ Hey Dhruvi! Dhenu here! What can I do \
\ for you?                              /
 -----------------------------------------
         \    ^__^
          \   (oo)_____
             (__)\        )\/\
                 ||----w |
                 ||      ||
-> information about binary tree from stackoverflow
Suggestion : google search stackoverflow
-> _
```

3) None of the included words in input matches the keywords in
   learned words of cowbot:(gives excuses)

```
->  Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod
oris nisi ut aliquip ex ea commodo consequat.

 _____
< Please enter something I can understand >
 -----------------------------------------
         \    ^__^
          \   (oo)_____
             (__)\        )\/\
                 ||----w |
                 ||      ||
-> _
```

```
-> scbkcjgd
 _____
/ Did you know : ecwnecyaspjkpr? I also \
\ did not get it!                        /
 --------------------------------------
        \   ^__^
         \  (oo)_____
            (__)\       )\/\
             ||----w |
             ||      ||
->  _
```

```
-> biuaxgyvftet xgbuxoijnk
 _____
/ I think you entered something an AI COW \
\ cannot understand                        /
 -----------------------------------------
        \   ^__^
         \  (oo)_____
            (__)\       )\/\
             ||----w |
             ||      ||
->  _
```

4) No input is given:(it will do nothing)

```
 _____
/ Hey Dhruvi! Dhenu here! What can I do \
\ for you?                               /
 --------------------------------------
        \   ^__^
         \  (oo)_____
            (__)\       )\/\
             ||----w |
             ||      ||
->
->
->
->  _
```

Errors found during the testing:

#in repeat what i say functionality cowbot was not repeating the entered input

```
-> repeat what i say
Suggestion : repeat what i say
-> hello
Suggestion : hello dhenu
```

It was resolved:

```
-> repeat what i say
 _____
< What do you want me to repeat >
 ------------------------------
        \   ^__^
         \  (oo)_____
            (__)\       )\/\
                ||----w |
                ||     ||
Hi Prarthi
 _____
< Hi Prarthi >
 ------------
        \   ^__^
         \  (oo)_____
            (__)\       )\/\
                ||----w |
                ||     ||
->  _
```