A
Project Report On
"Lazy Beast"

(Java Mini Project)

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DECLARATION BY THE CANDIDATE

I hereby declare that the project report entitled "**Sysmate**" submitted by me to **Devang Patel Institute of Advance Technology and Research (DEPSTAR),Changa** in partial fulfilment of the requirement for the award of the degree of **B.Tech** in Computer Engineering, from **Devang Patel Institute of Advance Technology and Research (DEPSTAR)**, is a record of bonafide CE244 - Software Group Project - I 464-465 (project work) carried out by me under the guidance of **Prof. Aishwariya Budhrani**. I further declare that the work carried out and documented in this project report has not been submitted anywhere else either in part or in full and it is the original work, for the award of any other degree or diploma in this institute or any other institute or university.

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ABSTRACT

In today's world everyone is moving towards the digital machine leaving behind traditional paper-pen. So computer knowledge is the basic necessity for today. And hence there have been Operating System is gradually improving there GUI (Graphical User Interface) and is make more and more user friendly.But there is really very less evolution in CLI (Command Line Interface) and it have been pretty much the same over the years.Hence it has not been that user friendly and users always find it very difficult when their OS is facing some issue and they have to use CLI.Hence looking over to this issue I was motivated enough to solve this issue for Windows OS [As many of the users are using it].

ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my guide **Prof. Aishwariya Budhrani** who gave me the golden opportunity to do this wonderful project on the topic 'Lazy Beast', and was made herself available for all the query, questions and suggestions from her busy schedule I am really thankful to her for the same.

Secondly the project would not have been possible without the proper guidance of my friend **Dhaiwat Metha** who is a Cyber security analyst and have suggested me some of the best outcomes of the project which I could get.

A special thanks to **Prof. Shivam Ribadiya** and **Prof. Khushi Patel** who examined the projects and helped me a lot in exploring insights about the project and suggesting different ideas for features in projects.

TABLE OF CONTENTS

CHAPTER 1: INTRODUCTION.....5

1.1 Introduction.....6

1.2 Origin of the idea 6

1.3 Why should anyone care about it ?.....7

CHAPTER 2: FEATURES.....8

2.1 Features.....9

CHAPTER 3: SOFTWARE REQUIREMENTS.....10

3.1 Software Requirements.....11

2. JRE (Java Runtime - -Environment).....11

CHAPTER 4: COMMANDS AND ITS USAGE.....12

4.1 Commands and its usage.....13

- '0' OR 'back' 13
- '1' OR 'clear' OR 'c'.....13
- '2' OR 'open'.....13
- '3' OR 'close'.....14
- '4' OR 'help'.....14
- '5' OR 'modify'.....14
- '6' OR 'syscmd'.....14
- '7' OR 'pycmd'.....15
- '8' OR 'archive' OR 'arc'.....15
- '9' OR 'sysnet' OR 'net'.....15

CHAPTER 5: SCREENSHOTS.....16

CHAPTER 6: FUTURE ENHANCEMENT.....30

6.1 Future enhancements.....31

REFERENCES.....32

CHAPTER 1: INTRODUCTION

1.1 Introduction

The project of the name is 'Lazy Beast' which explains pretty much everything from its name that it is the software which is designed for lazy users who don’t want to remember the commands of the CMD (Command Prompt) and can still do pretty much fire up the commands just by passing few shortcuts for the commands.

1.2 Origin of the idea

There exist such script for the Linux environment called 'Lazy Script' which is developed for performing penetration testing and hacking in an easier way.

But it is strictly platform dependent [Linux]

The GitHub link for this project is as below :-
https://github.com/arismelachroinos/lscript

Hence if you want to try something like it for Windows then you can try my project.

GitHub link for my project [Lazy Beast] is as below :-
https://github.com/jeetundaviya/Lazy-Beast

1.3 Why should anyone care about it ?

This is totally modifiable terminal which can pretty much perform any of the system operation you want hence we can make use it for some of specific purpose when we have restrict want some of the restriction on some of the commands and hence we can do the same and use it for the specific purpose only.

Secondly as there are many of the shortcuts hence any of the normal user can just fire up the command like a piece of a cake without remembering any of it.

CHAPTER 2: FEATURES

2.1 Features

- Easy to remember shortcuts
- Help and Usage for every shortcuts
- Open and Close any programs from the same terminal.
- Modify the console [Color ,Prompt ,Title] as per your requirement.
- Run all the networking commands just by few shortcuts.
- Get all the Logs for each commands.
- Can directly generate archive in any format for any files or folder.
- It can perform any of the System CMD operation right from the same terminal and can even open new system terminal window.
- It can directly open Python console.
- It can clear the console any time by typing its shortcut.

CHAPTER 3: SOFTWARE REQUIREMENTS

3.1 Software Requirements

Operating System :- Windows

Software :- 1. CMD(Command Prompt)
2. JRE (Java Runtime -
-Environment)

CHAPTER 4: COMMANDS AND ITS USAGE

4.1 Commands and its usage

- **'0' OR 'back'**

This command is used to come back to main Console.

Eg. back OR "0"

- **'1' OR 'clear' OR 'c'**

This command is used to clear to any Console.

Eg. clear OR "1" OR "c"

- **'2' OR 'open'**

This command is used to open program.

NOTE :- Program will open in new window. And "open -m" will display menu for opening programs with shortcuts.

Eg. open notpad xyz.txt OR o 1 OR "2 notepad.exe"

- **'3' OR 'close'**

This command is used to exit from any Console or to close any on-going console or program.

NOTE:- Typing 'close -all' will open all programs running similar process.

Eg. close PyCmd OR close OR "3" OR "3 SysCmd"

- **'4' OR 'help'**

This command is used to have excess to Help Console.

Eg. help OR "4" OR "h"

- **'5' OR 'modify'**

This command is used to modify the colour, title and prompt Console.

NOTE:- Typing 'modify off' all modification will be disabled and it will do the the default colour, title and prompt.

Eg.modify colour OR "5 title"

- **'6' OR 'syscmd'**

This command is used to have excess to System Console or to run any sys commands.

NOTE:- Typing 'SysCmd -n' will open SysCmd program in a new window.

Eg. syscmd OR
syscmd ping www.google.com OR "6"

- **'7' OR 'pycmd'**

This command is used to have excess to Python Console.

NOTE:- Program will open in new window.

Eg. pycmd OR "7"

- **'8' OR 'archive' OR 'arc'**

This command is used to make archive of files and folders in different fromat like 7z,zip,rar,etc.

NOTE:- Only typing 'archive' will open 7z File-Manager program in a new window.

Eg. arc <extension> <output loc> <input loc> OR "8"

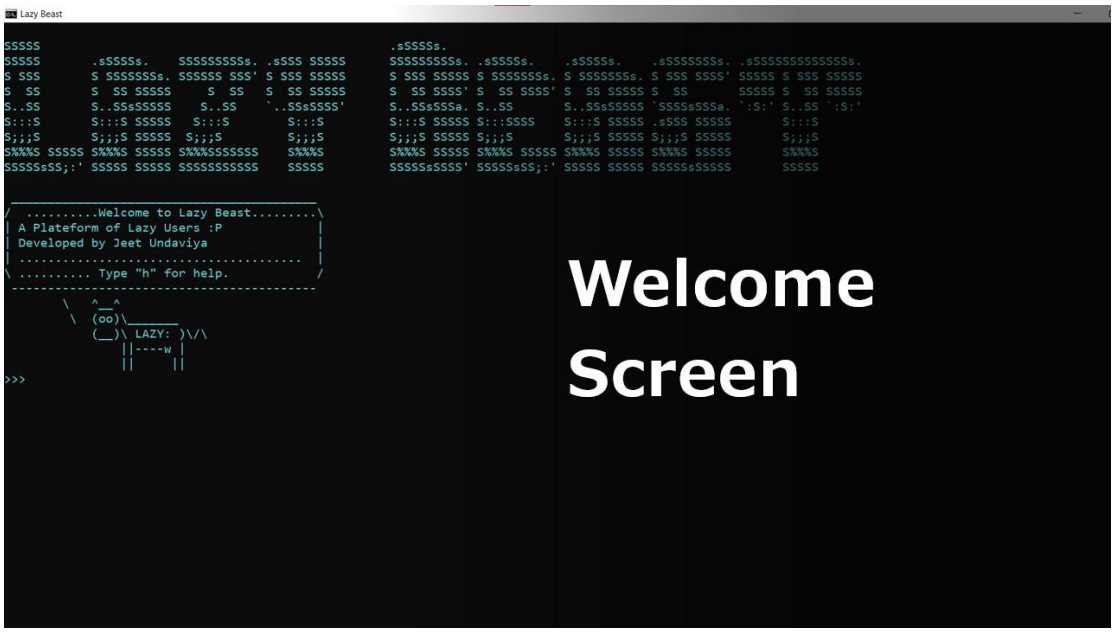
- **'9' OR 'sysnet' OR 'net'**

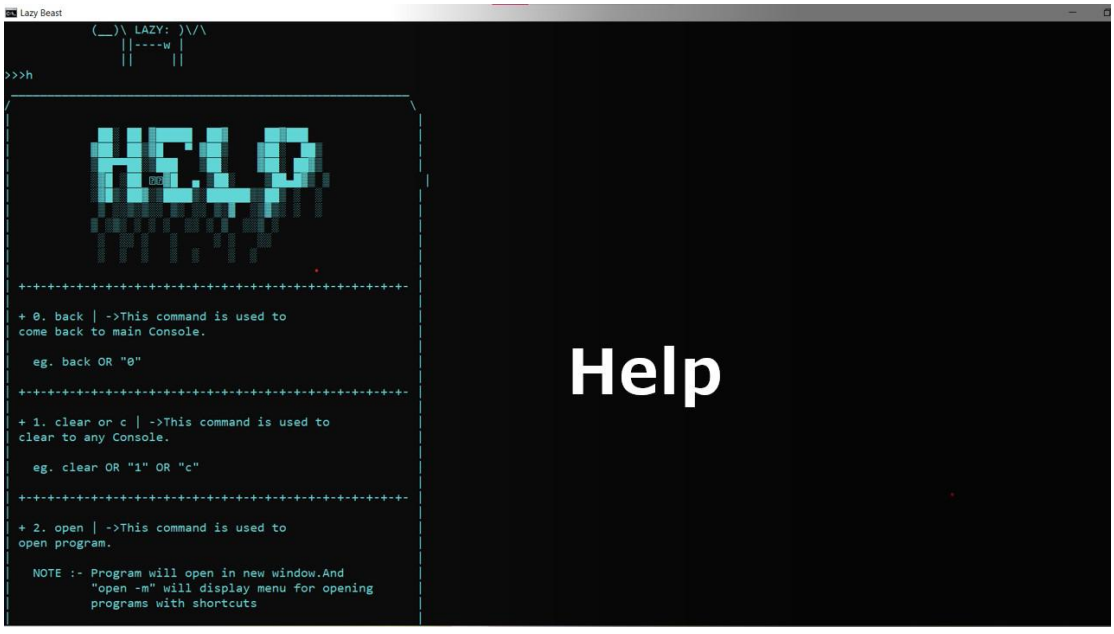
This command is used to execute networking commands and display in console.

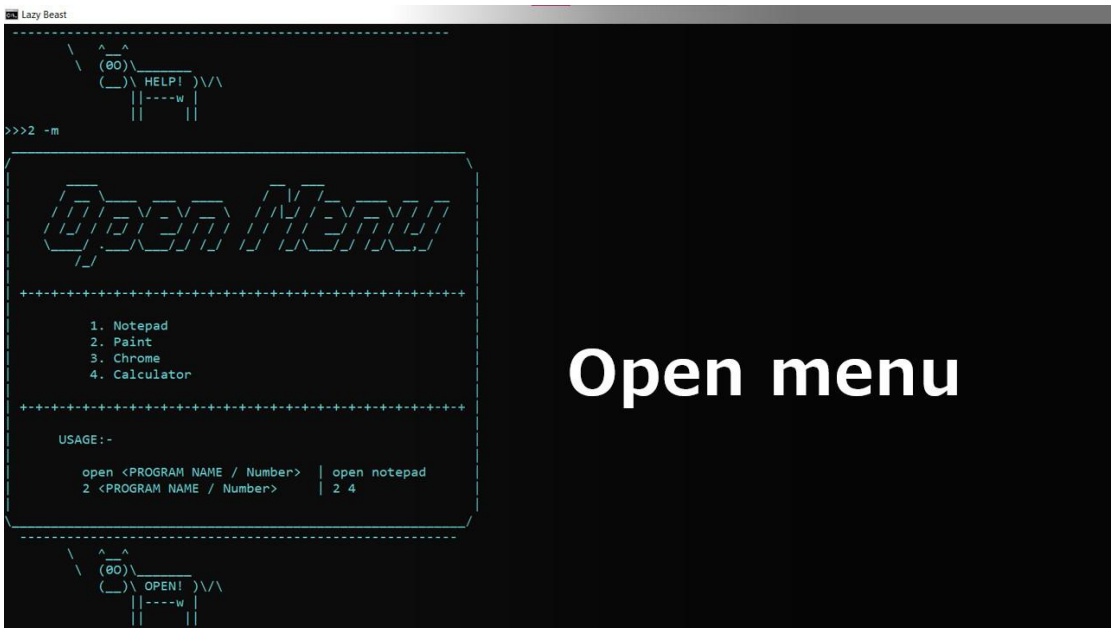
NOTE:- Program will open in new window. And "sysnet -m" will display menu for opening
program with shortcuts.

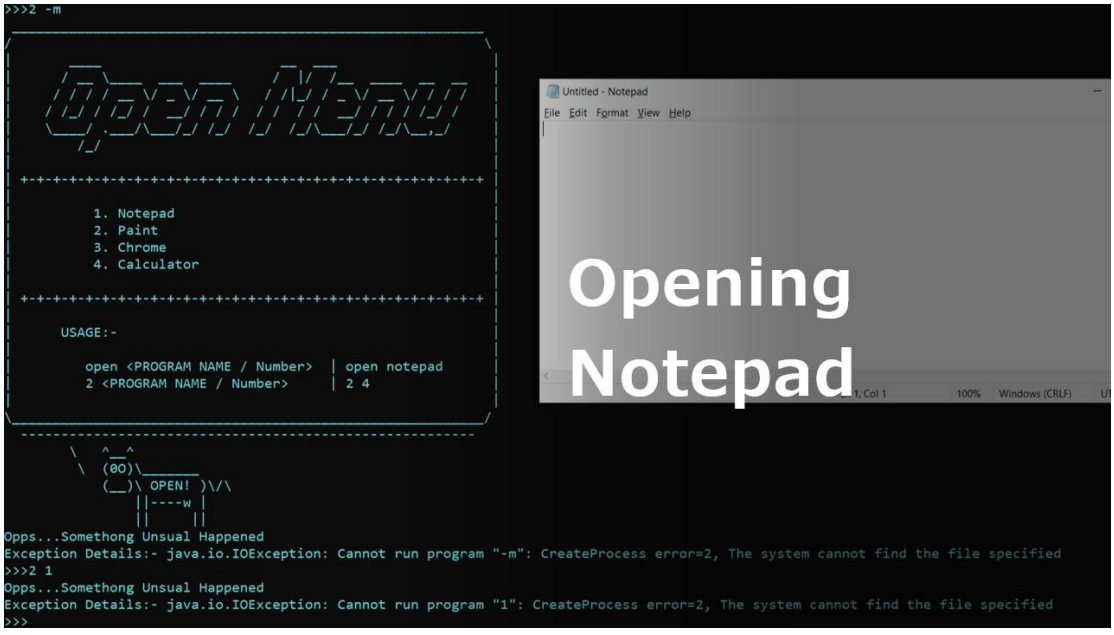
Eg. sysnet -m OR "9 <Sub command>"

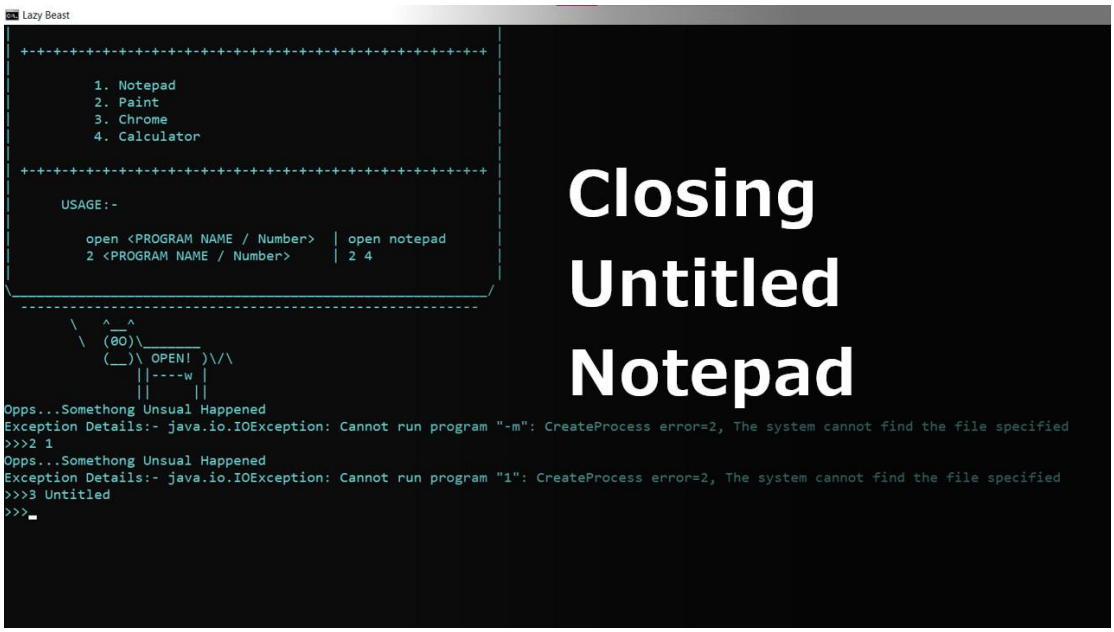
CHAPTER 5: SCREENSHOTS


Lazy Beast
Welcome to Lazy Beast.....
A Plateform of Lazy Users :P
Developed by Jeet Undaviya
Type "h" for help.
LAZY:)\/\
>>>
Welcome
Screen

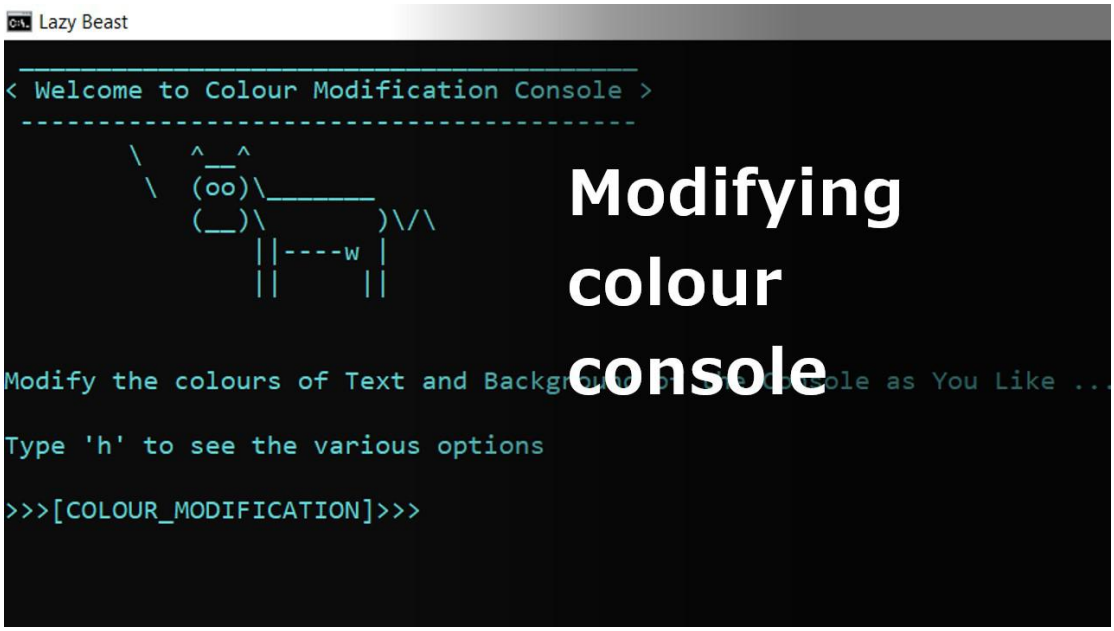

Lazy Beast
LAZY:)\/\
>>>h
HELP
+ 0. back | ->This command is used to
come back to main Console.
eg. back OR "0"
+ 1. clear or c | ->This command is used to
clear to any Console.
eg. clear OR "1" OR "c"
+ 2. open | ->This command is used to
open program.
NOTE :- Program will open in new window.And
"open -m" will display menu for opening
programs with shortcuts
Help


Lazy Beast
HELP!
>>>2 -m
1. Notepad
2. Paint
3. Chrome
4. Calculator
USAGE:-
open <PROGRAM NAME / Number> | open notepad
2 <PROGRAM NAME / Number> | 2 4
OPEN!
Open menu


>>>2 -m
1. Notepad
2. Paint
3. Chrome
4. Calculator
USAGE:-
open <PROGRAM NAME / Number> | open notepad
2 <PROGRAM NAME / Number> | 2 4
OPEN!
Untitled - Notepad
File Edit Format View Help
Opening Notepad
Opps...Somethong Unsual Happened
Exception Details:- java.io.IOException: Cannot run program "-m": CreateProcess error=2, The system cannot find the file specified
>>>2 1
Opps...Somethong Unsual Happened
Exception Details:- java.io.IOException: Cannot run program "1": CreateProcess error=2, The system cannot find the file specified
>>>



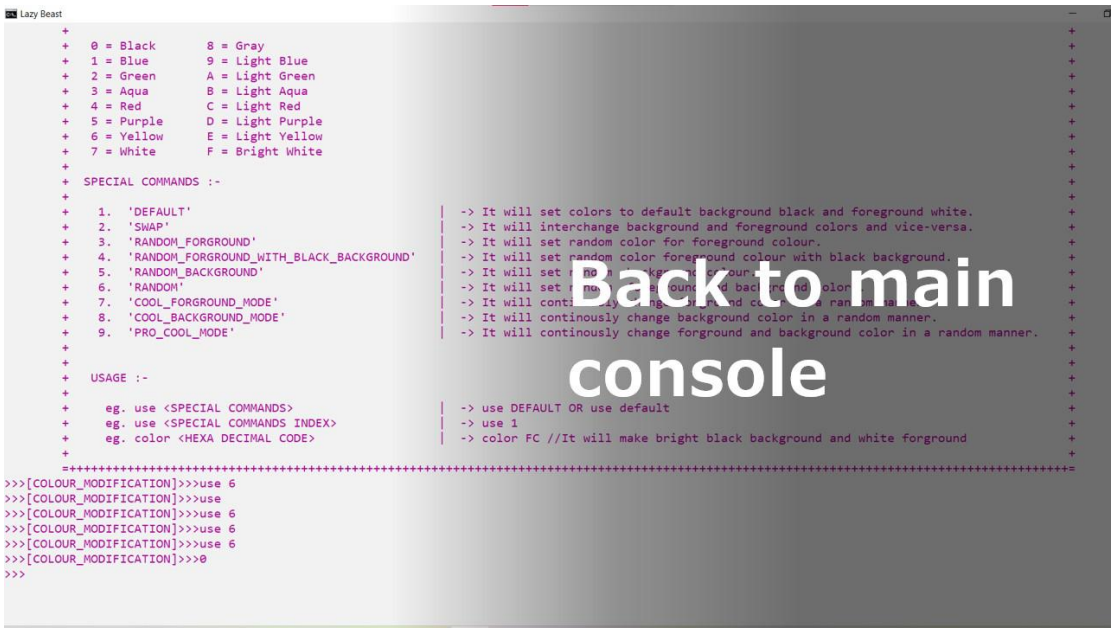
Closing Untitled Notepad



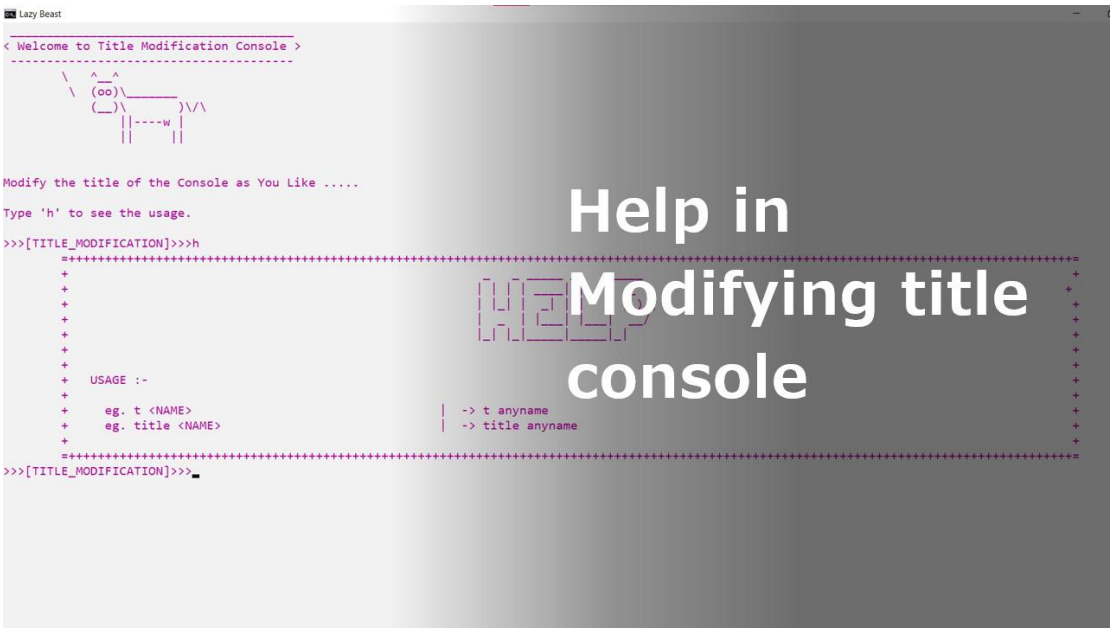
Modifying colour console

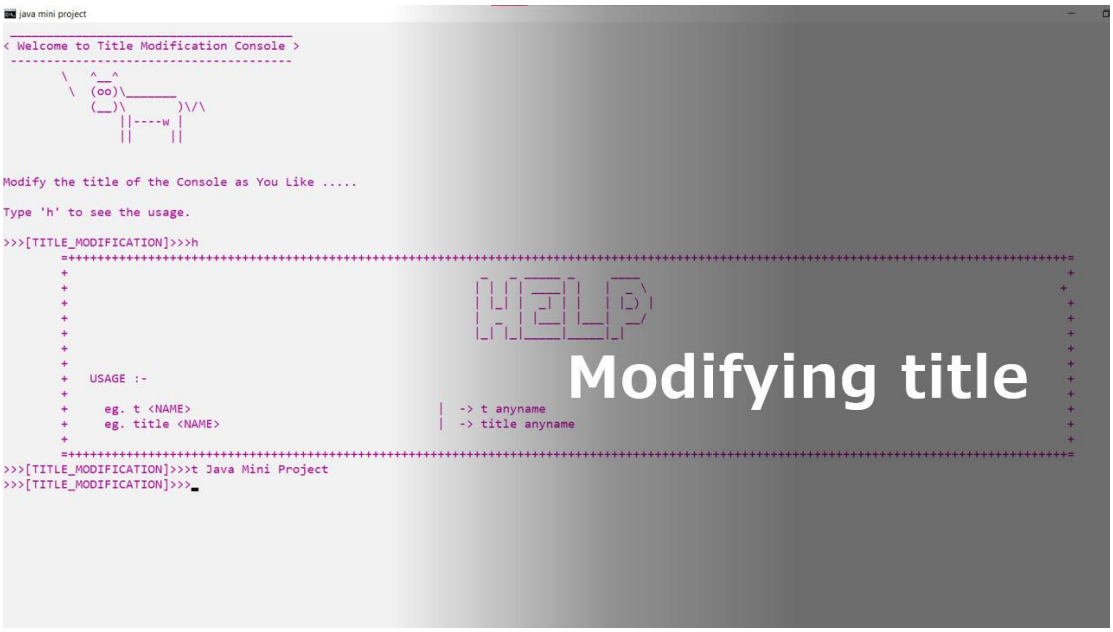
Lazy Beast
HELP
HEX CODES:-
0 = Black
1 = Blue
2 = Green
3 = Aqua
4 = Red
5 = Purple
6 = Yellow
7 = White
8 = Gray
9 = Light Blue
A = Light Green
B = Light Aqua
C = Light Red
D = Light Purple
E = Light Yellow
F = Bright White
SPECIAL COMMANDS :-
1. 'DEFAULT' -> It will set colors to default background black and foreground white.
2. 'SWAP' -> It will interchange background and foreground colors and vice-versa.
3. 'RANDOM_FORGROUND' -> It will set random color for foreground colour.
4. 'RANDOM_FORGROUND_WITH_BLACK_BACKGROUND' -> It will set random color foreground colour with black background.
5. 'RANDOM_BACKGROUND' -> It will set random background colour.
6. 'RANDOM' -> It will set random foreground and background colors.
7. 'COOL_FORGROUND_MODE' -> It will continously change forground color in a random manner.
8. 'COOL_BACKGROUND_MODE' -> It will continously change background color in a random manner.
9. 'PRO_COOL_MODE' -> It will continously change forground and background color in a random manner.
USAGE :-
eg. use <SPECIAL COMMANDS> -> use DEFAULT OR use default
eg. use <SPECIAL COMMANDS INDEX> -> use 1
eg. color <HEXA DECIMAL CODE> -> color FC //It will make bright black background and white forground
>>>[COLOUR_MODIFICATION]>>>
Help in colour modification console

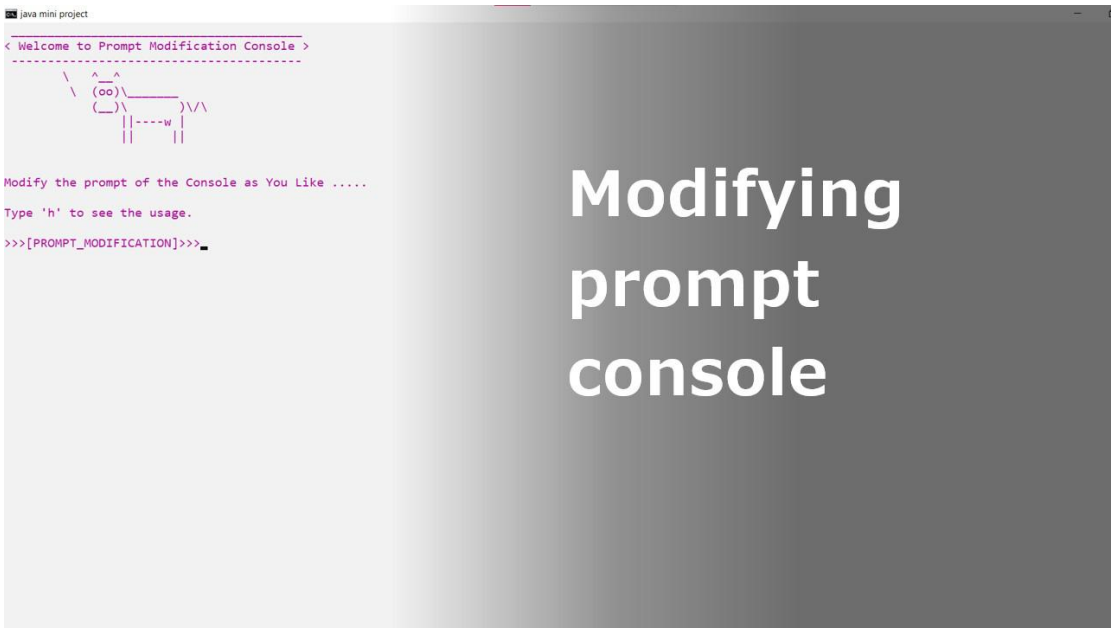
Lazy Beast
0 = Black
1 = Blue
2 = Green
3 = Aqua
4 = Red
5 = Purple
6 = Yellow
7 = White
8 = Gray
9 = Light Blue
A = Light Green
B = Light Aqua
C = Light Red
D = Light Purple
E = Light Yellow
F = Bright White
SPECIAL COMMANDS :-
1. 'DEFAULT' -> It will set colors to default background black and foreground white.
2. 'SWAP' -> It will interchange background and foreground colors and vice-versa.
3. 'RANDOM_FORGROUND' -> It will set random color for foreground colour.
4. 'RANDOM_FORGROUND_WITH_BLACK_BACKGROUND' -> It will set random color foreground colour with black background.
5. 'RANDOM_BACKGROUND' -> It will set random background colour.
6. 'RANDOM' -> It will set random foreground and background colors.
7. 'COOL_FORGROUND_MODE' -> It will continously change forground color in a random manner.
8. 'COOL_BACKGROUND_MODE' -> It will continously change background color in a random manner.
9. 'PRO_COOL_MODE' -> It will continously change forground and background color in a random manner.
USAGE :-
eg. use <SPECIAL COMMANDS> -> use DEFAULT OR use default
eg. use <SPECIAL COMMANDS INDEX> -> use 1
eg. color <HEXA DECIMAL CODE> -> color FC //It will make bright black background and white forground
>>>[COLOUR_MODIFICATION]>>>use 6
>>>[COLOUR_MODIFICATION]>>>use
>>>[COLOUR_MODIFICATION]>>>use 6
>>>[COLOUR_MODIFICATION]>>>use 6
>>>[COLOUR_MODIFICATION]>>>use 6
>>>[COLOUR_MODIFICATION]>>>
Modifying colours

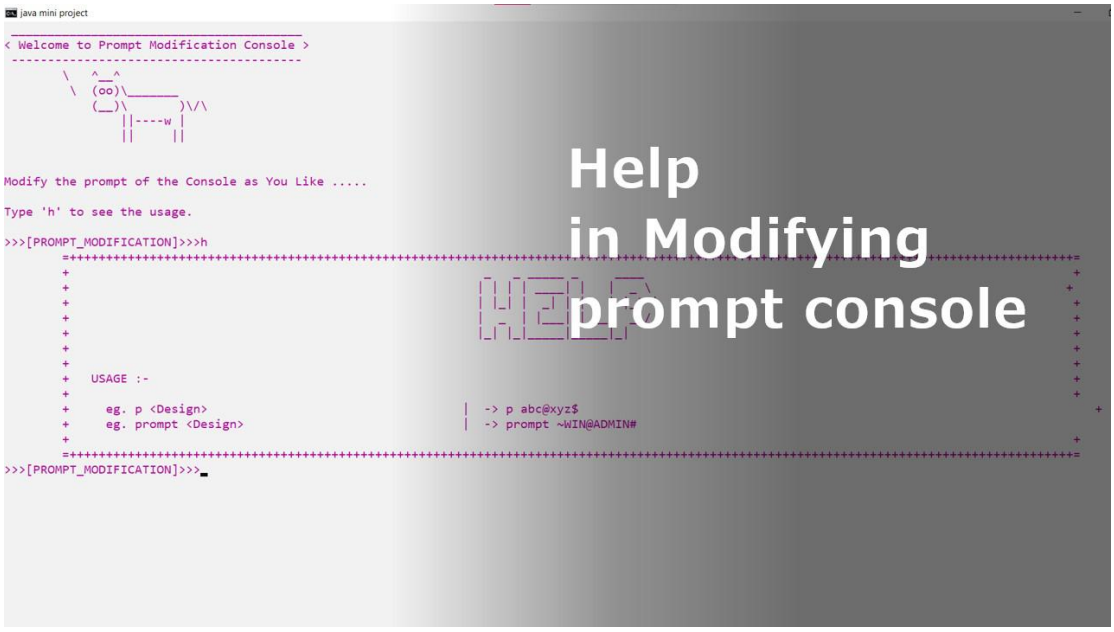

Lazy Beast
0 = Black 8 = Gray
1 = Blue 9 = Light Blue
2 = Green A = Light Green
3 = Aqua B = Light Aqua
4 = Red C = Light Red
5 = Purple D = Light Purple
6 = Yellow E = Light Yellow
7 = White F = Bright White
SPECIAL COMMANDS :-
1. 'DEFAULT' -> It will set colors to default background black and foreground white.
2. 'SWAP' -> It will interchange background and foreground colors and vice-versa.
3. 'RANDOM_FORGROUND' -> It will set random color for foreground colour.
4. 'RANDOM_FORGROUND_WITH_BLACK_BACKGROUND' -> It will set random color foreground colour with black background.
5. 'RANDOM_BACKGROUND' -> It will set
6. 'RANDOM' -> It will set
7. 'COOL_FORGROUND_MODE' -> It will conti
8. 'COOL_BACKGROUND_MODE' -> It will continously change background color in a random manner.
9. 'PRO_COOL_MODE' -> It will continously change forground and background color in a random manner.
USAGE :-
eg. use <SPECIAL COMMANDS> -> use DEFAULT OR use default
eg. use <SPECIAL COMMANDS INDEX> -> use 1
eg. color <HEXA DECIMAL CODE> -> color FC //It will make bright black background and white forground
>>>[COLOUR_MODIFICATION]>>>use 6
>>>[COLOUR_MODIFICATION]>>>use
>>>[COLOUR_MODIFICATION]>>>use 6
>>>[COLOUR_MODIFICATION]>>>use 6
>>>[COLOUR_MODIFICATION]>>>use 6
>>>[COLOUR_MODIFICATION]>>>0
>>>
Back to main console

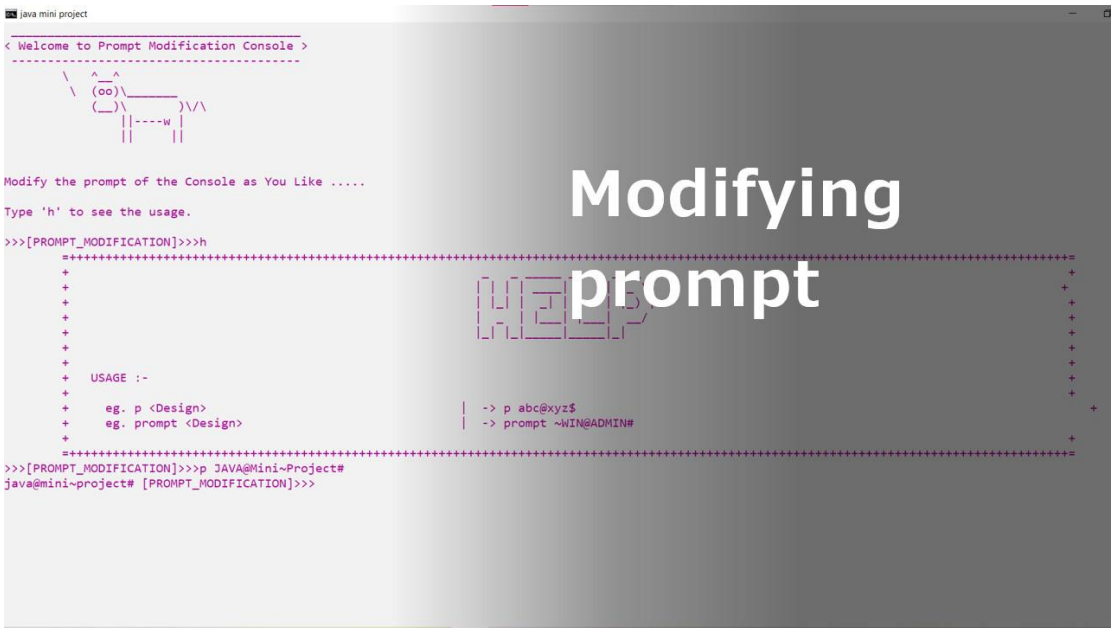
Lazy Beast
< Welcome to Title Modification Console >
Modify the title of the Console as You Like .....
Type 'h' to see the usage.
>>>[TITLE_MODIFICATION]>>>
Modifying title console


Lazy Beast
< Welcome to Title Modification Console >
Modify the title of the Console as You Like .....
Type 'h' to see the usage.
>>>[TITLE_MODIFICATION]>>>h
USAGE :-
eg. t <NAME> | -> t anyname
eg. title <NAME> | -> title anyname
>>>[TITLE_MODIFICATION]>>>
Help in Modifying title console

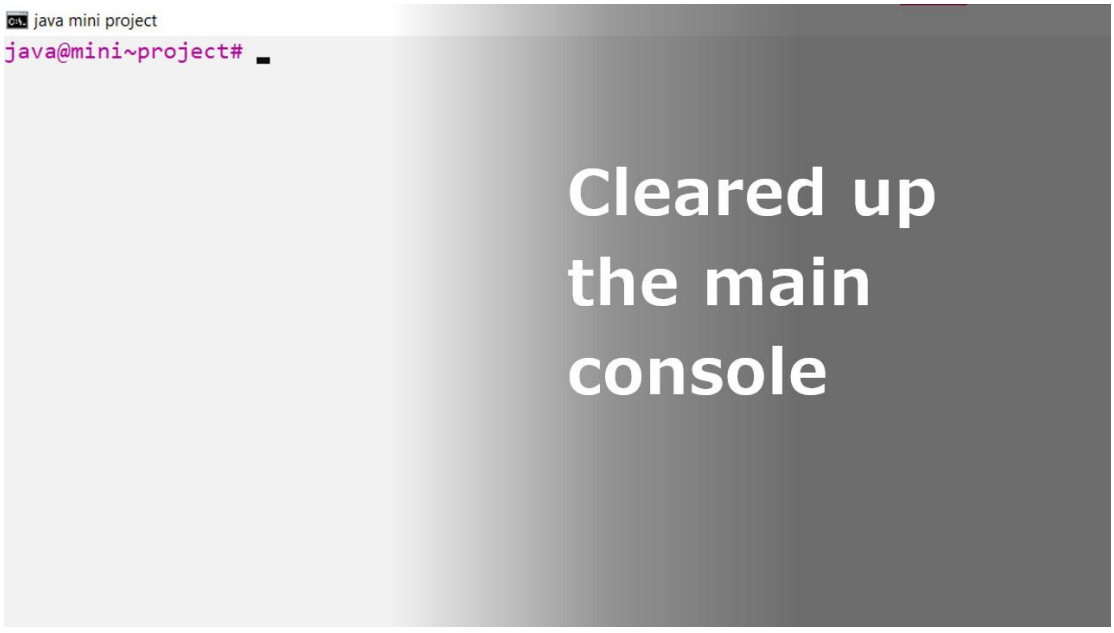

java mini project
< Welcome to Title Modification Console >
Modify the title of the Console as You Like .....
Type 'h' to see the usage.
>>>[TITLE_MODIFICATION]>>>h
USAGE :-
eg. t <NAME> | -> t anyname
eg. title <NAME> | -> title anyname
>>>[TITLE_MODIFICATION]>>>t Java Mini Project
>>>[TITLE_MODIFICATION]>>>
Modifying title


java mini project
< Welcome to Prompt Modification Console >
Modify the prompt of the Console as You Like .....
Type 'h' to see the usage.
>>>[PROMPT_MODIFICATION]>>>
Modifying prompt console

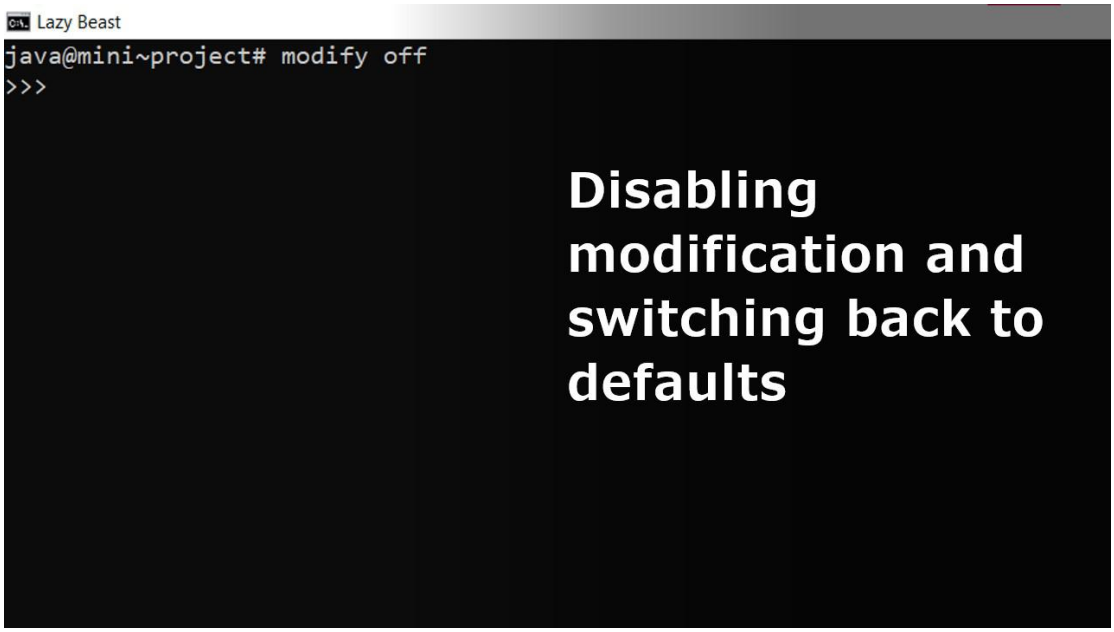

java mini project
< Welcome to Prompt Modification Console >
Modify the prompt of the Console as You Like .....
Type 'h' to see the usage.
>>>[PROMPT_MODIFICATION]>>>h
USAGE :-
eg. p <Design>
-> p abc@xyz$
eg. prompt <Design>
-> prompt ~WIN@ADMIN#
>>>[PROMPT_MODIFICATION]>>>
Help in Modifying prompt console

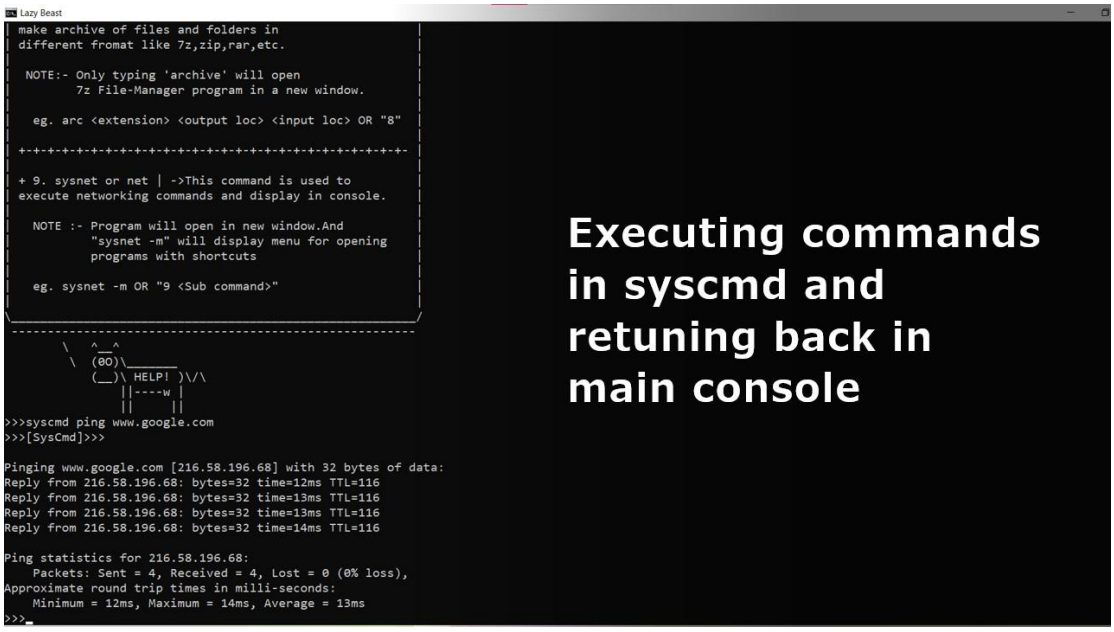


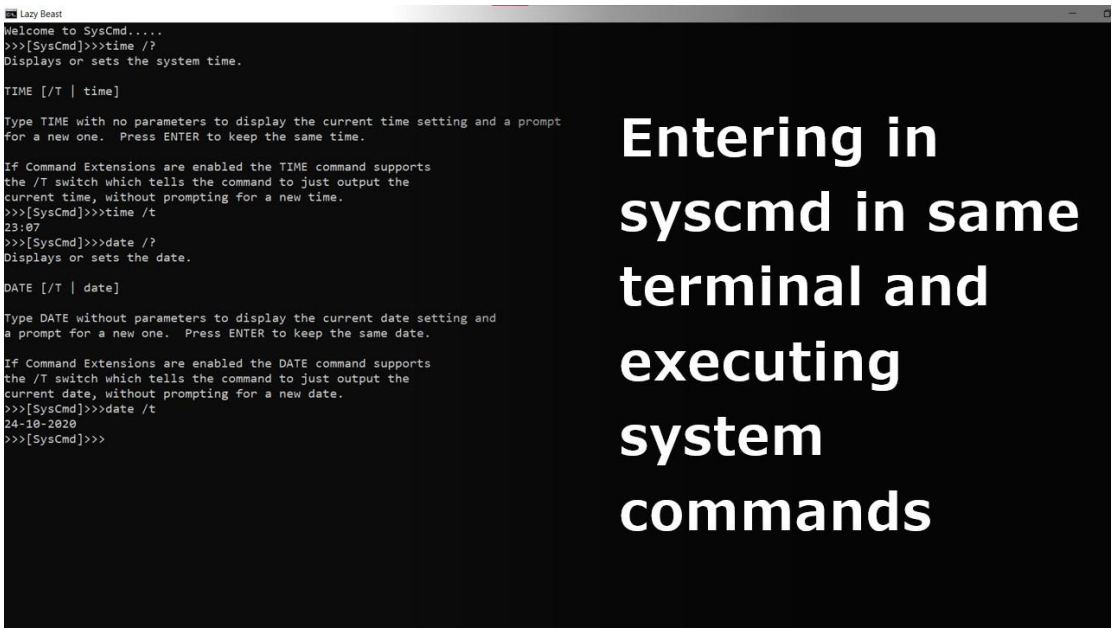
Modifying prompt

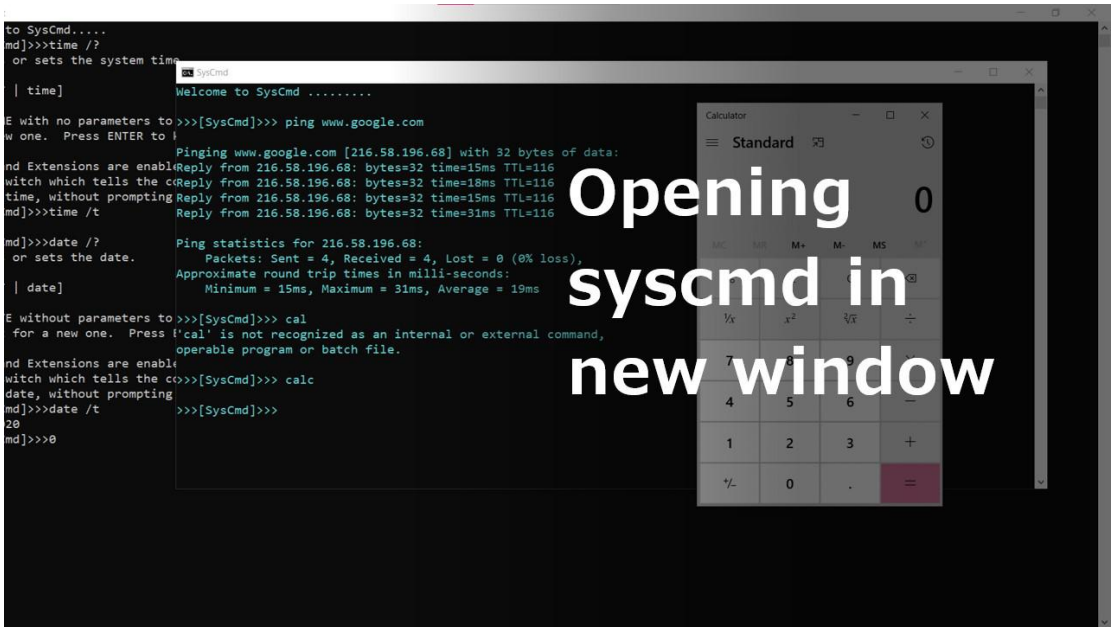


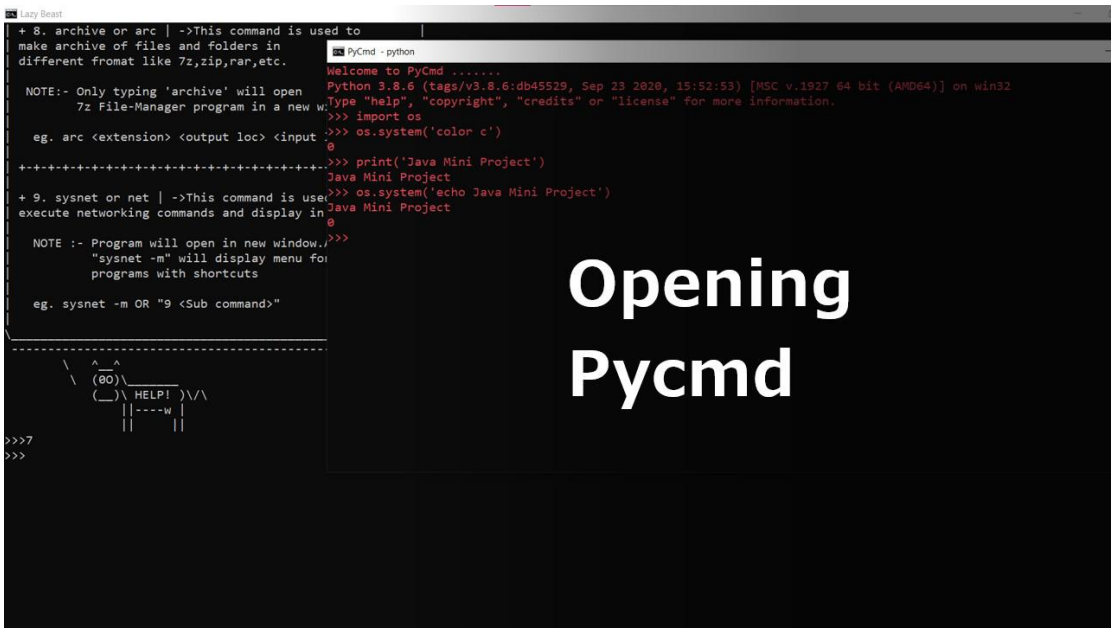
Cleared up the main console

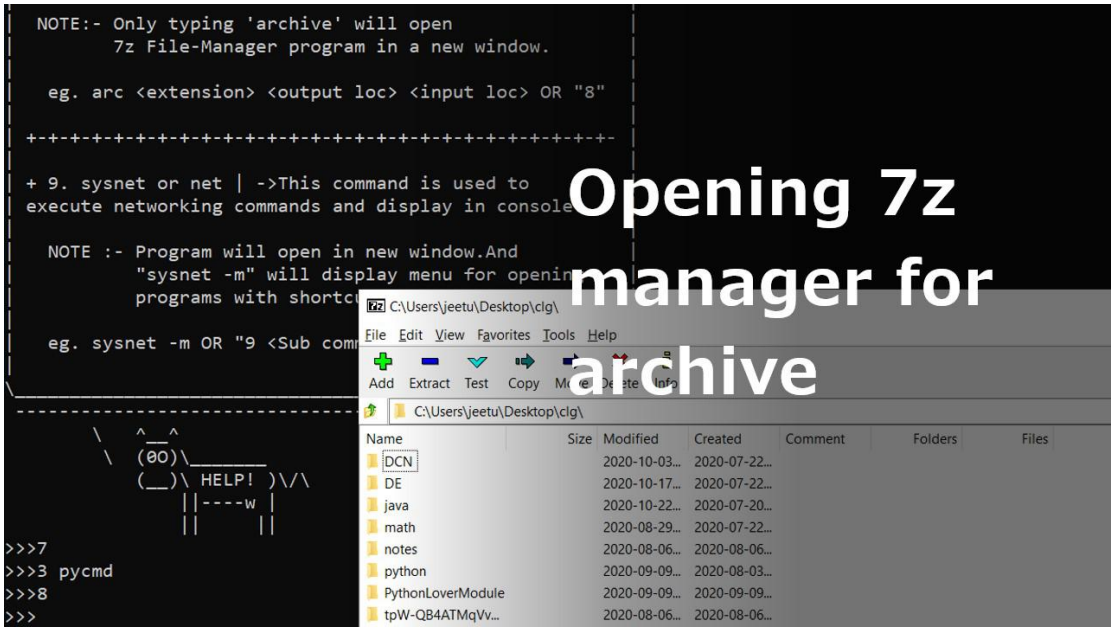

Lazy Beast
java@mini~project# modify off
>>>
Disabling modification and switching back to defaults

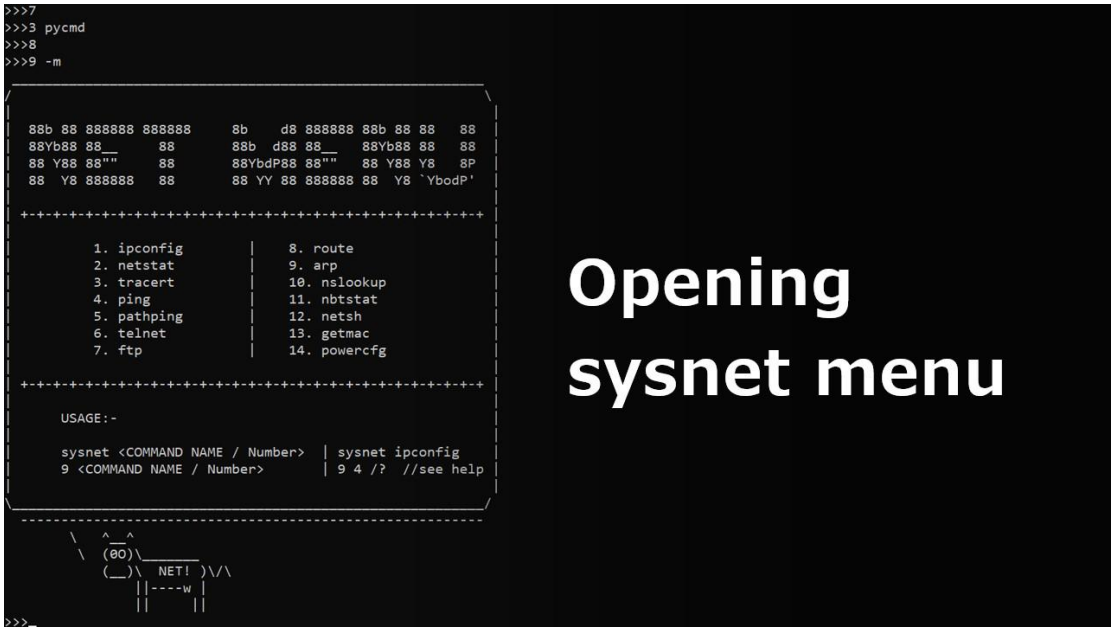

Lazy Beast
| make archive of files and folders in |
| different fromat like 7z,zip,rar,etc. |
| NOTE:- Only typing 'archive' will open |
| 7z File-Manager program in a new window. |
| eg. arc <extension> <output loc> <input loc> OR "8" |
| + 9. sysnet or net | ->This command is used to |
| execute networking commands and display in console. |
| NOTE :- Program will open in new window.And |
| "sysnet -m" will display menu for opening |
| programs with shortcuts |
| eg. sysnet -m OR "9 <Sub command>" |
\ ^__^
\ (8O)_______
(__)\ HELP!)\/\
||----w |
|| ||
>>>syscmd ping www.google.com
>>>[SysCmd]>>>
Pinging www.google.com [216.58.196.68] with 32 bytes of data:
Reply from 216.58.196.68: bytes=32 time=12ms TTL=116
Reply from 216.58.196.68: bytes=32 time=13ms TTL=116
Reply from 216.58.196.68: bytes=32 time=13ms TTL=116
Reply from 216.58.196.68: bytes=32 time=14ms TTL=116
Ping statistics for 216.58.196.68:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 12ms, Maximum = 14ms, Average = 13ms
>>>
Executing commands in syscmd and retuning back in main console


Lazy Beast
Welcome to SysCmd.....
>>>[SysCmd]>>>time /?
Displays or sets the system time.
TIME [/T | time]
Type TIME with no parameters to display the current time setting and a prompt
for a new one. Press ENTER to keep the same time.
If Command Extensions are enabled the TIME command supports
the /T switch which tells the command to just output the
current time, without prompting for a new time.
>>>[SysCmd]>>>time /t
23:07
>>>[SysCmd]>>>date /?
Displays or sets the date.
DATE [/T | date]
Type DATE without parameters to display the current date setting and
a prompt for a new one. Press ENTER to keep the same date.
If Command Extensions are enabled the DATE command supports
the /T switch which tells the command to just output the
current date, without prompting for a new date.
>>>[SysCmd]>>>date /t
24-10-2020
>>>[SysCmd]>>>
Entering in syscmd in same terminal and executing system commands


SysCmd
Welcome to SysCmd .....
>>>[SysCmd]>>> ping www.google.com
Pinging www.google.com [216.58.196.68] with 32 bytes of data:
Reply from 216.58.196.68: bytes=32 time=15ms TTL=116
Reply from 216.58.196.68: bytes=32 time=18ms TTL=116
Reply from 216.58.196.68: bytes=32 time=15ms TTL=116
Reply from 216.58.196.68: bytes=32 time=31ms TTL=116
Ping statistics for 216.58.196.68:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 15ms, Maximum = 31ms, Average = 19ms
>>>[SysCmd]>>> cal
'cal' is not recognized as an internal or external command,
operable program or batch file.
>>>[SysCmd]>>> calc
>>>[SysCmd]>>>
Calculator
Standard
Opening syscmd in new window

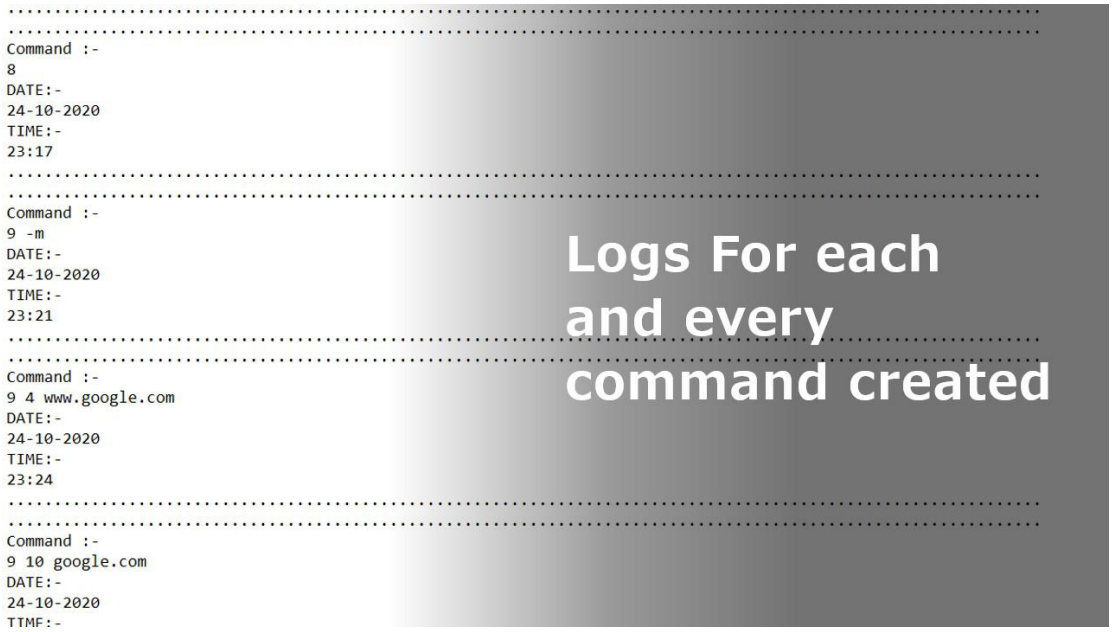

+ 8. archive or arc | ->This command is used to
make archive of files and folders in
different fromat like 7z,zip,rar,etc.
NOTE:- Only typing 'archive' will open
7z File-Manager program in a new w
eg. arc <extension> <output loc> <input
+ 9. sysnet or net | ->This command is use
execute networking commands and display in
NOTE :- Program will open in new window.
"sysnet -m" will display menu fo
programs with shortcuts
eg. sysnet -m OR "9 <Sub command>"
HELP!
>>>7
>>>
PyCmd - python
Welcome to PyCmd .....
Python 3.8.6 (tags/v3.8.6:db45529, Sep 23 2020, 15:52:53) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import os
>>> os.system('color c')
0
>>> print('Java Mini Project')
Java Mini Project
>>> os.system('echo Java Mini Project')
Java Mini Project
0
>>>
Opening
Pycmd


NOTE:- Only typing 'archive' will open
7z File-Manager program in a new window.
eg. arc <extension> <output loc> <input loc> OR "8"
+ 9. sysnet or net | ->This command is used to
execute networking commands and display in console
NOTE :- Program will open in new window.And
"sysnet -m" will display menu for openin
programs with shortcu
eg. sysnet -m OR "9 <Sub com
HELP!
>>>7
>>>3 pycmd
>>>8
>>>
C:\Users\jeetu\Desktop\clg\
File Edit View Favorites Tools Help
Add Extract Test Copy
C:\Users\jeetu\Desktop\clg\
Name Size Modified Created Comment Folders Files
DCN 2020-10-03... 2020-07-22...
DE 2020-10-17... 2020-07-22...
java 2020-10-22... 2020-07-20...
math 2020-08-29... 2020-07-22...
notes 2020-08-06... 2020-08-06...
python 2020-09-09... 2020-08-03...
PythonLoverModule 2020-09-09... 2020-09-09...
tpW-QB4ATMqVv... 2020-08-06... 2020-08-06...
Opening 7z
manager for
archive



Opening sysnet menu

Executing sysnet commands


Command :-
8
DATE:-
24-10-2020
TIME:-
23:17
Command :-
9 -m
DATE:-
24-10-2020
TIME:-
23:21
Command :-
9 4 www.google.com
DATE:-
24-10-2020
TIME:-
23:24
Command :-
9 10 google.com
DATE:-
24-10-2020
Logs For each and every command created

CHAPTER 6: FUTURE ENHANCEMENT

6.1 Future enhancements

I made this project just for the CMD (Command Prompt). But it could be also developed for the Powershell , Linux terminal or for Termux (android mobile Linux terminal).

And also the addition of the features in it is always limitless. Hence there can always be scope of improvement in it.

REFERENCES

[1] https://github.com/arismelachroinos/lscript

[2] https://docs.oracle.com/en/java/

[3] https://docs.oracle.com/en/java/

[4] https://www.geeksforgeeks.org/java-program-open-command-prompt-insert-commands/

[5] https://patorjk.com/software/taag/