LAPORAN SISTEM OPERASI

PEMROGRAMAN BASH SHELL PADA SYSTEM OPERASI LINUX

“Disusun dalam rangka memenuhi salah satu tugas pada mata kuliah Sistem Operasi Oleh Dosen Candrasena Setiadi, ST., M.MT”

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**Disusun oleh:**

**Ghoffar Abdul Ja’far (2341720035)**

**JURUSAN TEKNOLOGI INFORMASI**

**PRODI D-IV TEKNIK INFORMATIKA**

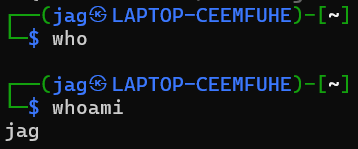
**POLITEKNIK NEGERI MALANG**

**2023**

$ Lakukan perintah berikut: $

who

whoami



Ls

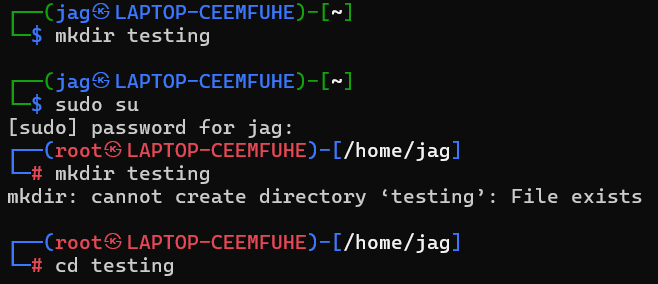


mkdir testing

sudo su

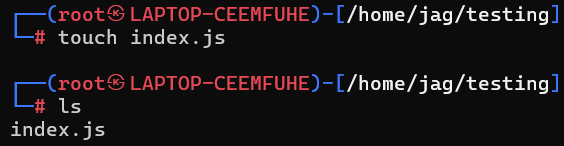
mkdir testing

cd testing



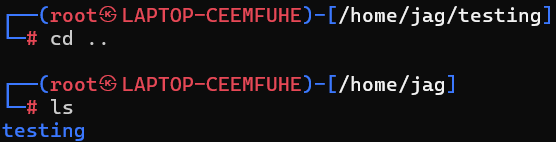
touch index.js

ls



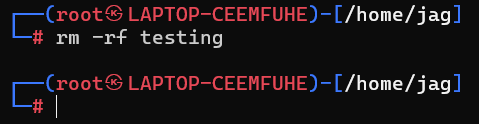
cd ..

ls



clear

rm –rf testing\*

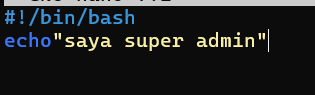


$ Langkah pemrograman shell: $

nano uji.sh

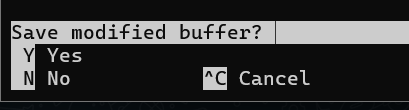
#!/bin/bash

echo “saya super admin”

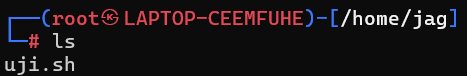


^x

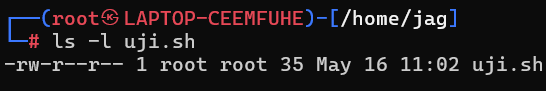
Y



Ls

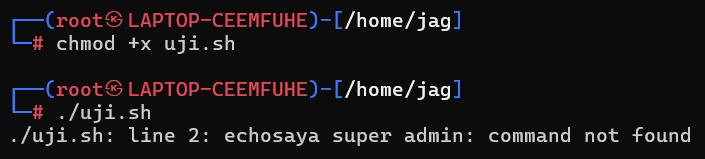


ls –l uji.sh



chmod +x uji.sh

./uji.sh



$ File sederhana $

nano uji2.sh

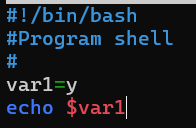
#!/bin/bash

#Program shell

#

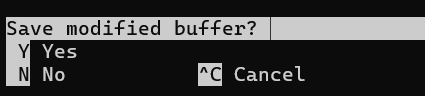
var1=y

echo $var1



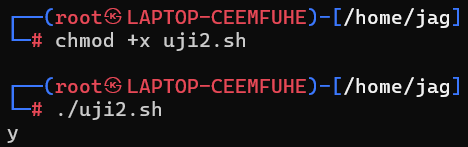
^x

Y



chmod +x uji2.sh

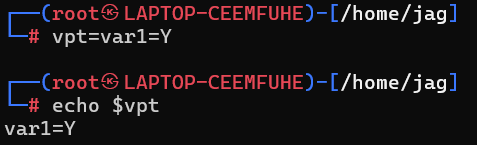
./uji2.sh



$ shell interaktif 1 $

vpt=var1=Y

echo $vpt



$ shell interaktif 2 $

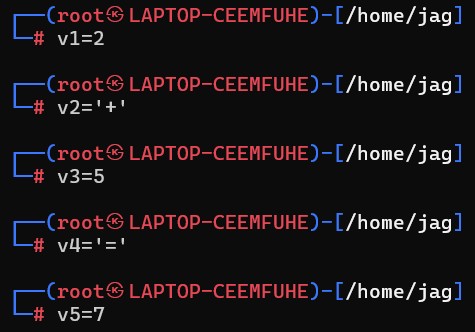
v1=2

v2=’+’

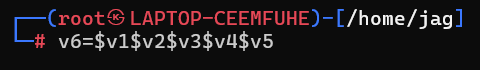
v3=5

v4=’=’

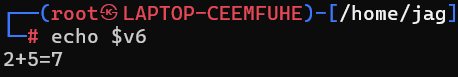
v5=7



v6=$v1$v2$v3$v4$v5



echo v6

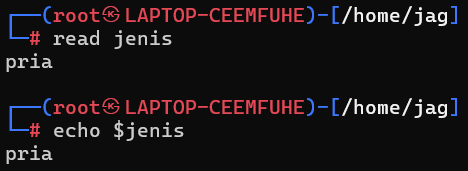


$ Read string $

read jenis

pria

echo $jenis



$ penjumlahan aritmatik $

nano aritmatik.sh

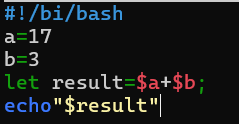
#!/bin/bash

a=17

b=3

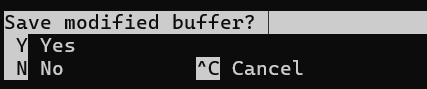
let result=$a+$b;

echo “$result”



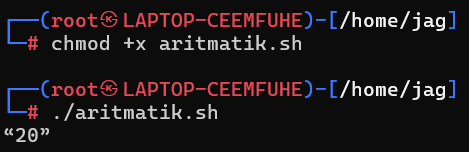
^x

Y



chmod +x aritmatik.sh

./aritmatik.sh



$ .js $

nano code.js

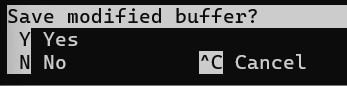
const data = “saya super admin”

console.log(data);

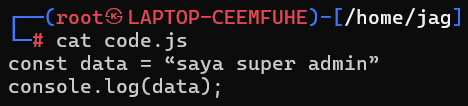


^x

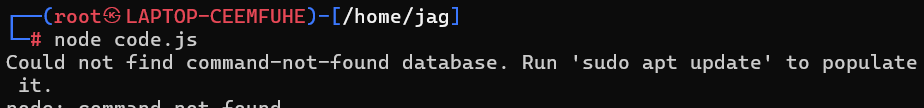
Y



cat code.js

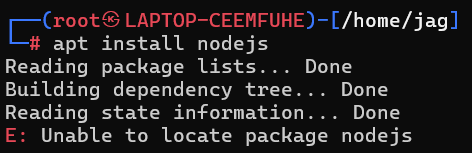


node code.js

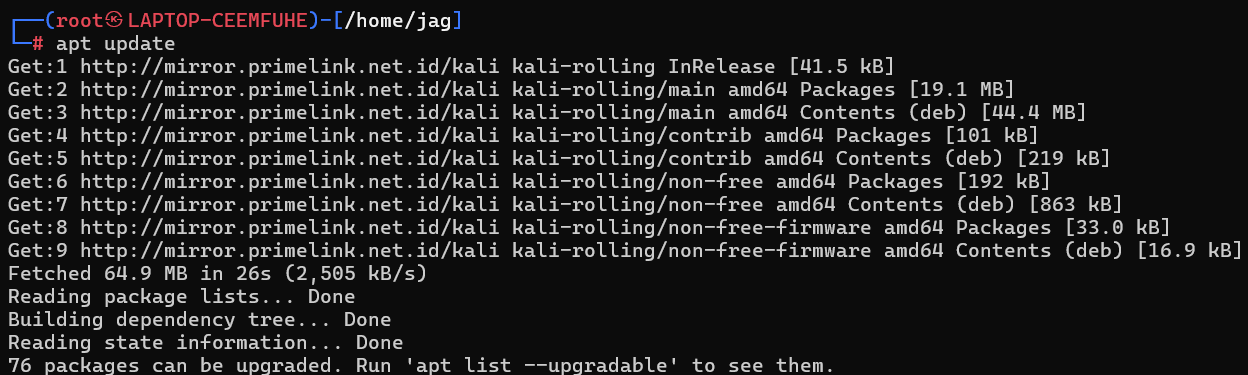


$ Install $

apt install nodejs

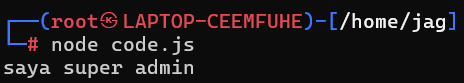


apt update



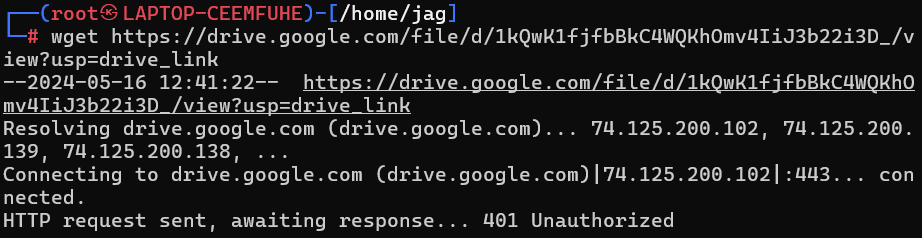
apt upgrade

node code.js



$ World wide web and get http https (wget) $

wget <https://drive.google.com/file/d/1kQwK1fjfbBkC4WQKhOmv4IiJ3b22i3D_/view?usp=drive_link>



http://192.168.73.195/File-SisOp.zip

sudo apt install wget

$ Condition shell pada linux $

#!/bin/bash

tmer=10

while [ $tmer –gt 0 ]

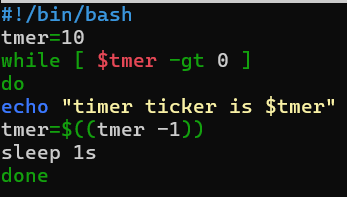
do

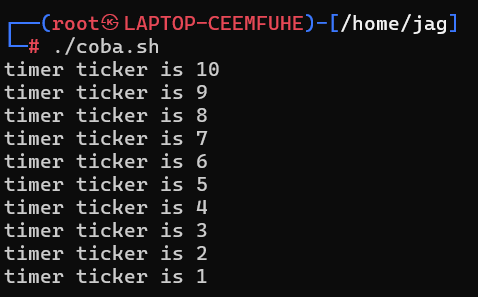
echo “… $tmer”

tmer=$((tmer -1))

sleep 10s

done





$ Pemrograman condition shell $

clear

echo “Stok barang hari ini”;

echo “…………………………….”;

echo “1. beras”;

echo “2. gula”;

echo “3. Garam”;

echo “4.exit”;

read –p \*pilih barang keluar [1-4 ] :\* pil;

if [ $pil –eq 1 ];

then

echo “ banyak barang = \*;

read jum

let bayar=jum\*10000;

elif [ $pil –eq 4 ];

then

exit 0

else

echo “Barang tidak tersedia”

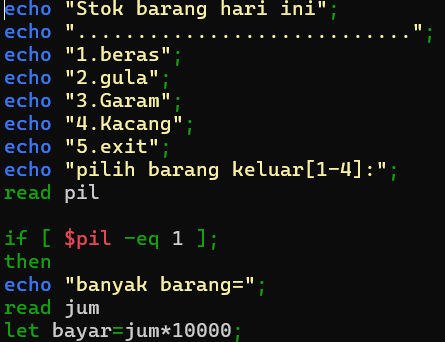
exit 1

fi

echo “harga bayar = Rp. $bayar”

echo “Terimakasih atas kunjungan anda”

echo “ Kantin TI”



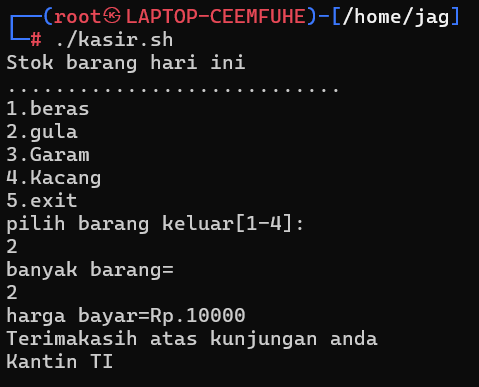
nano kasir.sh

ls –l kasir.sh

chmod +x kasir.sh

ls –l kasir.sh

./kasir.sh

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