

ASSIGNMENT # 2

O.S Lab



19/20

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Taxila.

Applications Places System  Wed Dec 21, 12:00 PM Muhammad Arslan asir

add.sh (09-SE-51) - gedit

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PB.c RoundRobin.c add.txt add.sh

```
#if test $var1 -eq $var2; then
if [[ $1 == *-help* ]]; then

    echo -e "\nprogram syntax: $0 [first number] [second number] [third number] [fourth
number] [fifth number]\n"
    echo -e "this program accepts two to five inputs\n"
    exit 0

else

    echo -e "\nInvalid syntax, this program accepts 2 to 5 inputs or the -help switch\n"
    exit 1

fi

else if [ $# -eq 0 ] || [ $# -gt 5 ] ; then

    echo -e "\nInvalid syntax, this program accepts 2 to 5 inputs or the -help switch\n"
    exit 1


fi

fi

result=0
```

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PB.c RoundRobin.c add.txt add.sh

```
fi
fi
result=0
case "$#" in
2)
    echo -e "\n The result is ${result=$1+$2}\n"
    ;;
3)
    echo -e "\n The result is ${result=$1+$2+$3}\n"
    ;;
4)
    echo -e "\n The result is ${result=$1+$2+$3+$4}\n"
    ;;
5)
    echo -e "\n The result is ${result=$1+$2+$3+$4+$5}\n"
    ;;
*)
    echo "\nSome error occured\n"
    ;;
esac
```

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[/] [m...] [M...] [la...] [OS...] ad... Co... 09-... OS ...

Adding 2 numbers

```
hlp="-help"
var=$1
#echo $var
#echo ${var:0}
#var1=`expr match "$hlp" '-help'`
#var2=5
echo $var1

if [ $# -eq 1 ]; then
#echo $1

    #for((i=0; i<=${#var}); i++)
    #do
    #    if test ${var:i:1} -ne ${hlp:i:1} ; then
    #        #echo ${var:i:1}
    #        echo -e "\nInvalid syntax, this program accepts 2 to 5 inputs or the -help
switch\n"
    #        exit 1
    #        break
    #    fi
    #done

#fi test $var1 or $var2; then
```

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Swap

```
if [ $# -ne 2 ]; then
    echo -e "\nTwo arguments please :)\n"
    exit 1
else
A=$1
B=$2
echo -e "\nA and B Before swaping are $A and $B"
: ${A=$A+$B}
: ${B=$A-$B}
: ${A=$A-$B}
echo -e "\nA and B after swaping are $A and $B"
fi
```

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[/] [media] [M-A-A...] [lab 1...] [OS_la...] Compu... swap.s...