Main Script

#! /bin/bash

. $HOME/final-exam/AaronCarlson-myFunctions

bcalc(){

echo “Welcome to my calculator script script”

echo “Please enter your first number: ”

read num1

echo “Please enter your second number: ”

read num2

check\_args num1 num2

}

myFunctions

#! /bin/bash

num1=$1

num2=$2

check\_args(){

if [ num2 -eq "0" ]; then

echo "Potential divide by zero error"

exit;

else

calc\_menu

fi

}

calc\_menu(){

cat << END

MENU

----------------------------------------------------

1. Add
2. Subtract
3. Multiply
4. Divide
5. Quit menu

----------------------------------------------------

END

read\_input

}

add\_func(){

result=`expr num1 + num2`

echo Answer: $result

fi

}

subtract\_func(){

result=`expr num1 - num2`

echo Answer: $result

fi

}

multiply\_func(){

result=`expr num1 \* num2`

echo Answer: $result

fi

}

divide\_func(){

result=$(expr "scale=2; num1/num2" | bc)

echo Answer: $result

fi

}

function read\_input

{

while true

do

echo -n “Please select a number to continue: ”

read choice

case $choice in

1|1. |add|Add)

add\_func

;;

2|2. |subtract|Subtract)

subtract\_func

;;

3|3. |multiply|Multiply)

multiply\_func

;;

4|4. |divide|Divide)

divide\_func

;;

5|5. |Quit|quit|’Quit menu’)

echo “Exiting program.”

exit 5

;;

\*)

echo “Sorry not a valid option.”

echo “Please try again.”

;;

esac

done

}