

# به نام خدا

تمرین جلسه هفتم

فرزان رحمانی ۹۹۵۲۱۲۷۱

—)

```
sum=$(expr "$1" + "$2")
echo "sum of $1 and $2 is $sum"
```

```
#!/bin/bash
if (( $1 > $2 )) # [ $1 -gt $2 ]
then
    echo "first number ($1) is bigger"
elif (( $2 > $1 )) # [ $1 -lt $2 ]
then
    echo "second number ($2) is bigger"
else
    echo "numbers were equal ($1)"
fi
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```



farzanrahmani\_99521271@DES



```
sum=0
diff=$1-$2
cnt=0
for ((i=$1 + 1; i<$2; i++))
do
    sum=$((sum+i))
    cnt=$((cnt+1))
done
if (($diff == 0))
then
    echo "There isn't any number between $1 and $2"
else
    echo $((sum / cnt))
fi
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~
~
```

```

farzanrahmani_99521271@DES
#!/bin/bash
a=$1
b=$2
echo "Choose the operator you want: "
echo "+ for Addition"
echo "- for Subtraction"
echo "." for Multiplication"
echo "/" for Division"
read -p "Enter your operator (+,-,.,/)" operator
echo " "
case $operator in
+)
result=$((a + b))
echo "Sum of two numbers is: $result"
;;
-)
result=$((a - b))
echo "Subtraction of numbers is: $result"
;;
.)
result=$((a * b))
echo "Multiplication of numbers is: $result"
;;
/)
result=$((a / b))
echo "The division of numbers is: $result"
;;
*)
echo "Invalid Choice"
esac

```

```
farzanrahmani_99521271@DESKTOP-955QSI1:~/Desktop/shell_script/hw7$ bash 2.sh 8 74
Choose the operator you want:
+ for Addition
- for Subtraction
. for Multiplication
/ for Division
Enter your operator (+,-,.,/)\n+

Sum of two numbers is: 82
farzanrahmani_99521271@DESKTOP-955QSI1:~/Desktop/shell_script/hw7$ bash 2.sh 8 74
Choose the operator you want:
+ for Addition
- for Subtraction
. for Multiplication
/ for Division
Enter your operator (+,-,.,/)\n.

Multiplication of numbers is: 592
farzanrahmani_99521271@DESKTOP-955QSI1:~/Desktop/shell_script/hw7$ bash 2.sh 8 74
Choose the operator you want:
+ for Addition
- for Subtraction
. for Multiplication
/ for Division
Enter your operator (+,-,.,/)\n/

The division of numbers is: 0
farzanrahmani_99521271@DESKTOP-955QSI1:~/Desktop/shell_script/hw7$ bash 2.sh 8 74
Choose the operator you want:
+ for Addition
- for Subtraction
. for Multiplication
/ for Division
Enter your operator (+,-,.,/)\n-

Subtraction of numbers is: -66
farzanrahmani_99521271@DESKTOP-955QSI1:~/Desktop/shell_script/hw7$
```

```
farzanrahmani_99521271@DES  ×  +  v
read -sp 'Password: ' password
echo " "
if [ $password -eq "123456" ];
then
echo "Welcome"
else
echo "Wrong Password"
fi
#
#
#
#
#
#
#
```

```
farzanrahmani_99521271@DESKTOP-955QSI1:~/Desktop/shell_script/hw7$ bash 3.sh
Password:
Wrong Password
farzanrahmani_99521271@DESKTOP-955QSI1:~/Desktop/shell_script/hw7$ bash 3.sh
Password:
Welcome
farzanrahmani_99521271@DESKTOP-955QSI1:~/Desktop/shell_script/hw7$
```

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