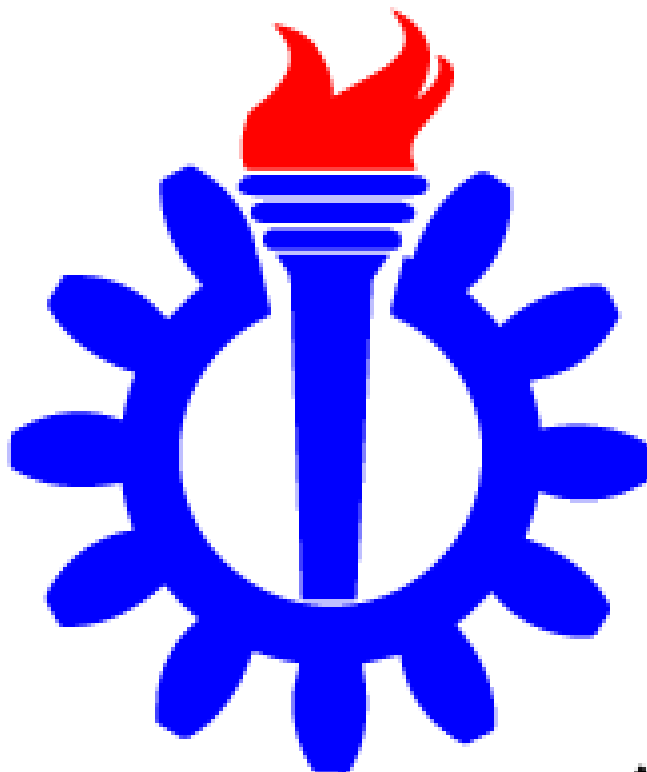


بسم الله الرحمن الرحيم



دانشگاه علم و صنعت ایران

مصدر عرفان زارع زردینر

تدریس 7 کلاس OS

(1

```
#!/bin/bash
read -p 'number1 ' a
read -p 'number2 ' b

#a
sum1=$((a + b ))
echo $sum1

#b
if [ $a -gt $b ]
then
    echo "$a is bigger than $b"
else
    echo "$b is begger than $a"
fi

#c
ave=$(( sum1 / 2 ))
```

```
erfanzare-98411432@ubuntu:~$ bash s1.sh
number1 5
number2 9
14
9 is begger than 5
7
erfanzare-98411432@ubuntu:~$ nano s1.sh
erfanzare-98411432@ubuntu:~$ bash s1.sh
number1 14
number2 18
32
18 is begger than 14
16
```

(2

```
#!/bin/bash
read -p 'enter a ' a
read -p 'enter b ' b
read -p 'enter jam1 menha2 zarb3 taqsim4 ' si

;;
1) result=`echo $a + $b | bc`
;;
2) result=`echo $a - $b | bc`
;;
3) result=`echo $a \ * $b | bc`
;;
4) result=`echo $a / $b | bc`
;;
esac
echo "output" $result
```

```
erfanzare-98411432@ubuntu:~$ bash s2.sh
enter a 5
enter b 2
enter jam1 menha2 zarb3 taqsim4 1
output 7
erfanzare-98411432@ubuntu:~$ bash s2.sh
enter a 9
enter b 3
enter jam1 menha2 zarb3 taqsim4 4
output 3
```

(3)

```
#!/bin/bash
read -sp "enter pass " pass
if [ $pass -eq "123456" ]
then
echo "Welcome"
else
echo "Wrong password"
fi
```

```
erfanzare-98411432@ubuntu:~$ bash s3.sh
enter pass Wrong password
erfanzare-98411432@ubuntu:~$ bash s3.sh
enter pass Welcome
```