

## Question 1 part 1

```
pazhand_400521171@400521171: ~  
#!/bin/sh  
echo $(( $1 + $2 ))  
  
~  
~  
~  
~
```

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ vi q1_1.sh  
pazhand_400521171@400521171:~$ bash q1_1.sh 12 5  
17  
pazhand_400521171@400521171:~$
```

## Question 1 part 2

```
pazhand_400521171@400521171: ~  
#!/bin/sh  
if(( $1 > $2 ))  
then  
    echo $1  
else  
    echo $2  
fi  
~  
~  
~  
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~  
~  
~  
~  
~  
~  
~
```

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ vi q1_2.sh  
pazhand_400521171@400521171:~$ bash q1_2.sh 8 4  
8  
pazhand_400521171@400521171:~$ bash q1_2.sh 7 18  
18  
pazhand_400521171@400521171:~$
```

## Question 1 part 3

```
pazhand_400521171@400521171: ~  
#!/bin/sh  
let a=$1+$2  
let res=$a/2  
echo $res  
~  
~  
~  
~  
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~  
~  
~  
~  
~  
~
```

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ vi q1_3.sh  
pazhand_400521171@400521171:~$ bash q1_3.sh 4 8  
6  
pazhand_400521171@400521171:~$ bash q1_3.sh 9 7  
8  
pazhand_400521171@400521171:~$
```

## Question 2

```
pazhand_400521171@400521171: ~
#!/bin/sh
case $2 in
    '+')
        echo $(( $1+$3 ))
        ;;
    '-')
        echo $(( $1-$3 ))
        ;;
    'x')
        echo $(( $1*$3 ))
        ;;
    '/')
        echo $(( $1/$3 ))
        ;;
esac
~
~
~
~
```

```
pazhand_400521171@400521171: ~
pazhand_400521171@400521171:~$ bash q2.sh 4 + 7
11
pazhand_400521171@400521171:~$ bash q2.sh 9 - 3
6
pazhand_400521171@400521171:~$ bash q2.sh 24 / 6
4
pazhand_400521171@400521171:~$ bash q2.sh 3 x 5
15
pazhand_400521171@400521171:~$
```

## Question 3

```
pazhand_400521171@400521171: ~  
#!/bin/sh  
read -sp "Enter the password: " pass  
if(($pass == "123456"))  
then  
    echo "Welcome"  
else  
    echo "Wrong Password"  
fi  
  
~  
~  
~  
~  
~  
~  
~
```

```
pazhand_400521171@400521171: ~  
pazhand_400521171@400521171:~$ vi q3.sh  
pazhand_400521171@400521171:~$ bash q3.sh  
Enter the password: Welcome  
pazhand_400521171@400521171:~$ bash q3.sh  
Enter the password: Wrong Password  
pazhand_400521171@400521171:~$
```