```
touch quetion_1.sh
#!/bin/bash

echo -n "Enter a number of second: "
read number

hour=$(($number/60)/60))
minute=$(($number/60)%60))
second=$($number%60))

echo "Equivalent period: $hour:$minute:$second"

chmod +x quetion_1.sh
./quetion_1.sh
3690
```

```
touch quetion_2.sh
chmod +x quetion_2.sh

#!/bin/bash

echo -n "Enter a temperature in degrees Celsius: "

read degree

result=$(($degree * 9 / 5 + 32))

echo "Equivalent period: $result"

./quetion_2.sh
69
```

touch quetion_3.sh

chmod +x quetion_3.sh

```
#!/bin/bash

echo "Enter your gross salary"
read s
if [ $s -gt 2000 ]
then
   ta=$(($s *15))
   tax=$(($ta /100))
   ns=$(($s - $tax))
elif [ $s -ge 1000 ] && [ $s -lt 2000 ]
then
   ta=$(($s *10))
   tax=$(($ta /100))
   ns=$(($s - $tax ))
else
   ns=$s
fi
echo "your net salary after reduction is: $ns "
```

./quetion_3.sh

1500

```
touch quetion_4.sh
chmod +x quetion_4.sh

echo "Enter number"
read n
echo "Enter power"

read p

ne=1
for((i=0;i<p;i++))
do
   ne=$(( $ne * $n))
done

echo "Result = $ne"

./quetion_4.sh
3
5
```

```
touch quetion_5.sh
chmod +x quetion_5.sh

#!/bin/bash

echo "Enter number "
read n
for((i=2;i<=n/2;i++))
do
if [ $((n%i)) -eq 0 ]
then
echo "$n is not a prime number"
exit
fi
done
echo "$n is a prime number"


./quetion_5.sh
20
3
```

```
touch quetion_6.sh
chmod +x quetion_6.sh
#!/bin/bash

n=1
sum=0
count=0

while [ $n -ne 0 ]
do
   echo "Enter positive number: "
   read n
   if [ $n -gt 0 ]
   then
      sum=$(($sum + $n ))
      count=$(($count +1))
   elif [ $n -lt 0 ]
   then
      echo "ERROR, Enter positive number again: "
      read n
   fi
done

if [ $sum -eq 0 ]
then
   echo "Not found avrage"
else
   avg=$(($sum / $count))
   echo "The avrage is $avg"
fi
./quetion_6.sh
5
-7
6
0
```

```
touch quetion_7.sh
chmod +x quetion_7.sh

echo "Enter Number"
read n

sd=0
rev=""
sum=0
count=0
on=$n

while [ $n -gt 0 ]
do
   sd=$(($n % 10))
   sum=$(($sum + $sd))
   count=$(($count + 1))
   n=$(($n /10))
   rev=$( echo ${rev}${sd} )
done

avg=$(($sum / $count))

echo "$on reversed to be $rev, sum of it's digirs is : $sum and the avrage is  $avg"

./quetion_7.sh
123456
```