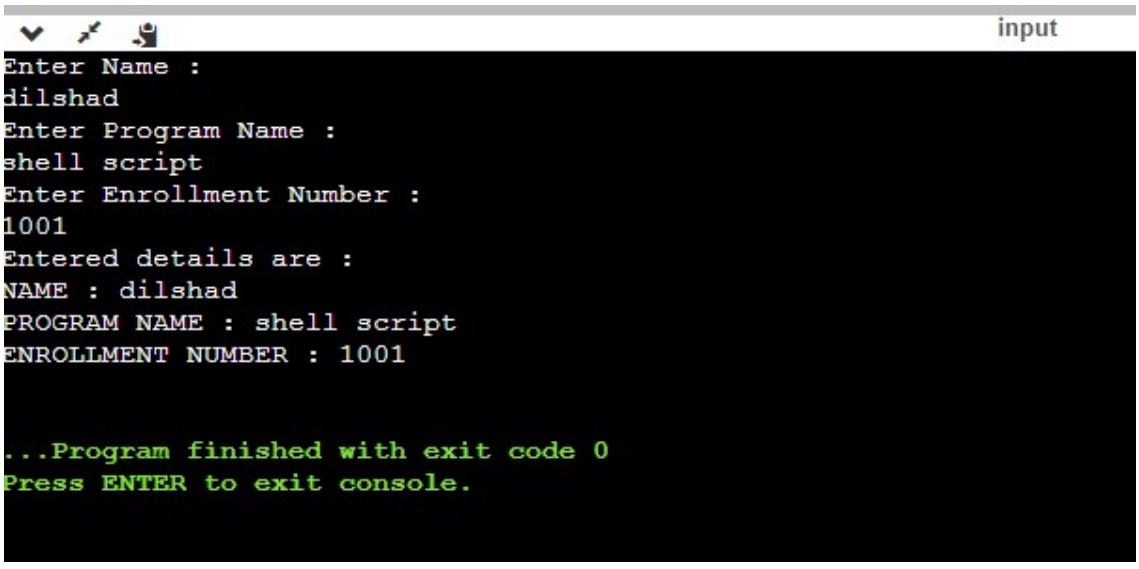
1.**Write a shell script to ask your name, program name and enrollment number and print it on the screen.**

Source code

```
echo "Enter Name :"

read name

echo "Enter Program Name :"

read pname

echo "Enter Enrollment Number :"

read eno

echo "Entered details are :"

echo "NAME : $name"

echo "PROGRAM NAME : $pname"

echo "ENROLLMENT NUMBER : $eno"
```

output

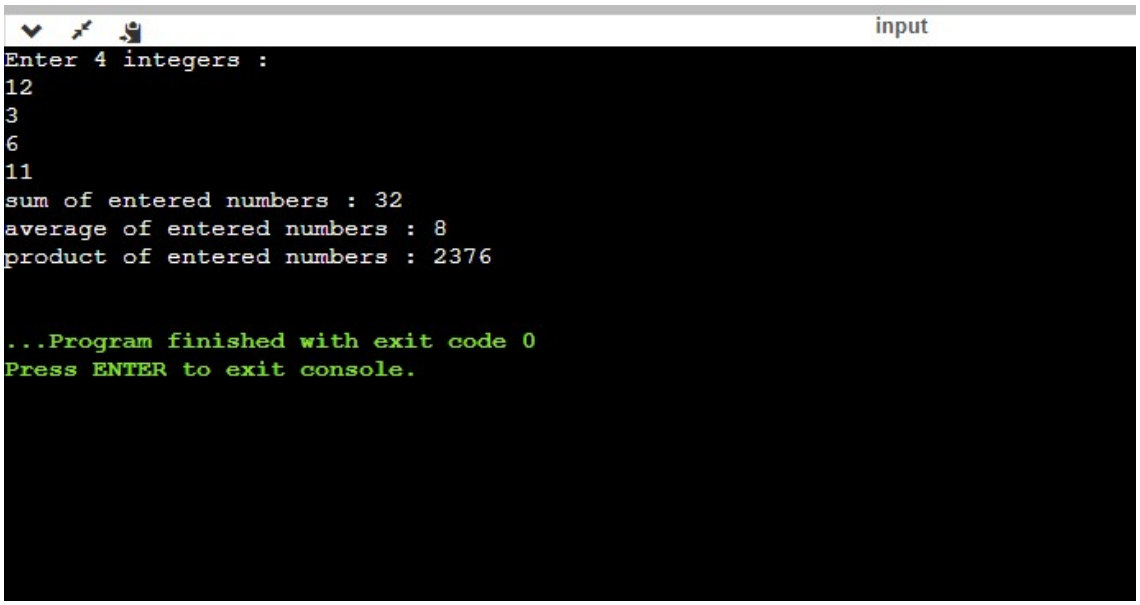


2) **Write a shell script to find the sum, the average and the product of the four integers entered.**

Source code

```
echo "Enter 4 integers :"
read n1
read n2
read n3
read n4
sum=$((n1+n2+n3+n4))
avg=$(($sum/4))
product=$((n1*n2*n3*n4))
echo "sum of entered numbers : $sum"
echo "average of entered numbers : $avg"
echo "product of entered numbers : $product"
```

output

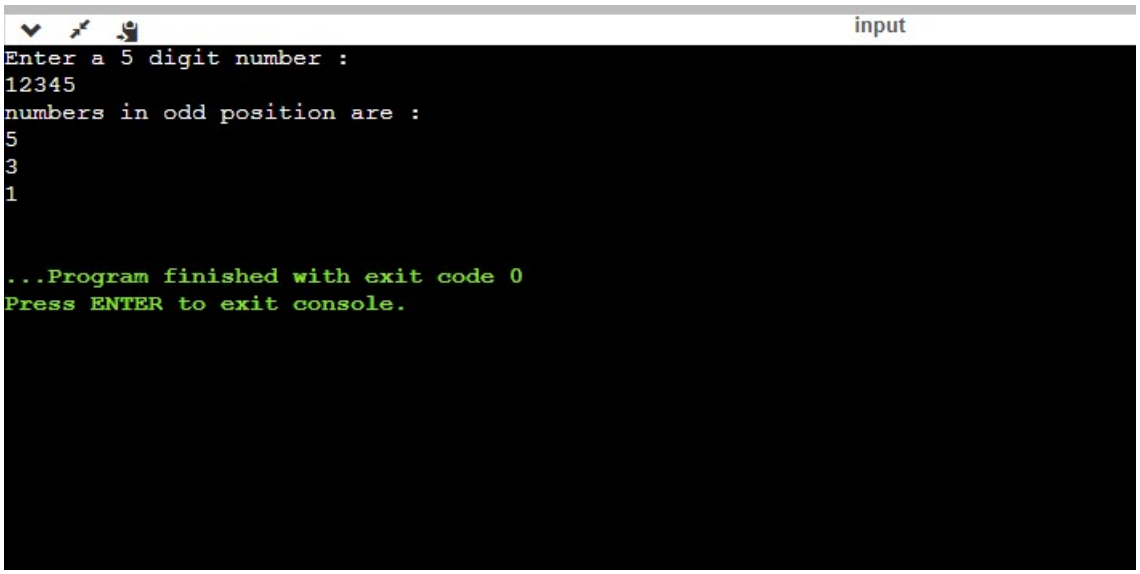


4) **Write a shell script to display the digits which are in odd position in a given 5 digit number.**

Source code

```
echo "Enter a 5 digit number :"

read num

c=0

rem=0

echo "numbers in odd position are :"

while [ $num -gt 0 ]

do

d=$(($num%10))

num=$(($num/10))

c=$(($c+1))

rem=$(($c%2))

if [ $rem != 0 ]

then

echo "$d"

fi

done
```

output



5) **Write a shell script to find the largest among the 3 given numbers.**

Source code

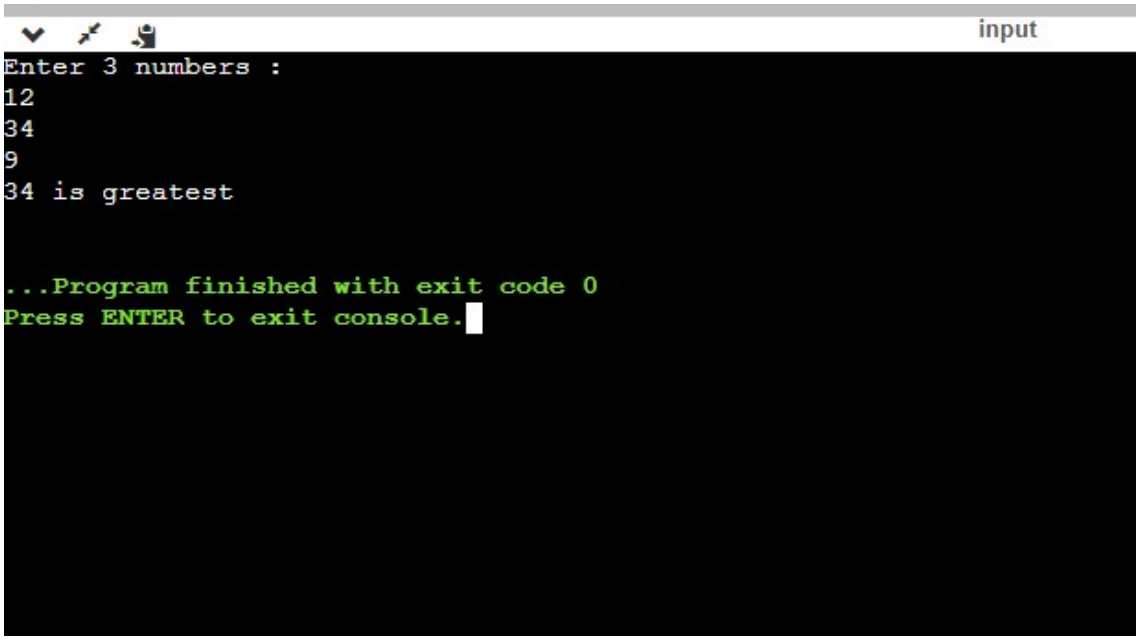
```
echo "Enter 3 numbers :"

read n1

read n2

read n3

if [ $n1 -gt $n2 ] && [ $n1 -gt $n3 ]

then

echo "$n1 is greatest"

elif [ $n2 -gt $n1 ] && [ $n2 -gt $n3 ]

then

echo "$n2 is greatest"
```

else

echo "$n3 is greatest"

fi

output



6) **Write a shell program to concatenate two strings and find the length of the resultant string.**

Source code

echo "Enter 2 strings :"

read s1

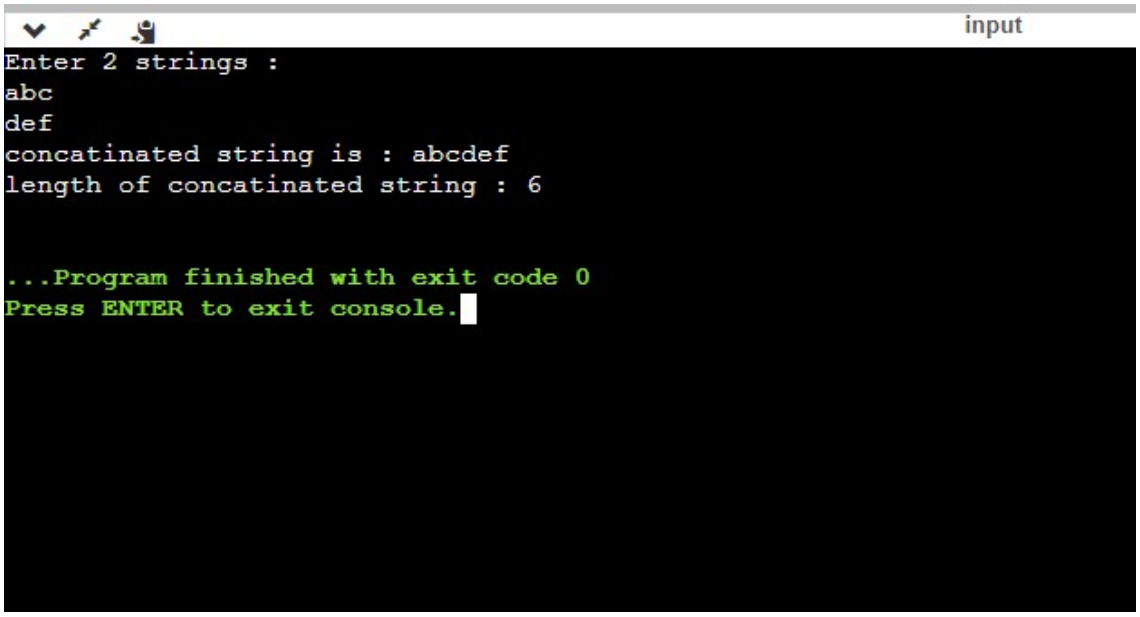
read s2

s1+=$s2

echo "concatinated string is : $s1"

echo "length of concatinated string : ${#s1}"

output



8) **Write a shell script to find the smallest of three numbers.**

Source code

```
echo "Enter 3 numbers :"

read n1

read n2

read n3

if [ $n1 -lt $n2 ] && [ $n1 -lt $n3 ]

then

echo "$n1 is smallest"

elif [ $n2 -lt $n1 ] && [ $n2 -lt $n3 ]
```

then

echo "$n2 is smallest"

else

echo "$n3 is smallest"

fi

output