

EXPERIMENT-1

Output

C:\Users\USER\Documents\sudheer\EXPERIMENT-1.exe

Enter three integers:2 4 5

sum=11

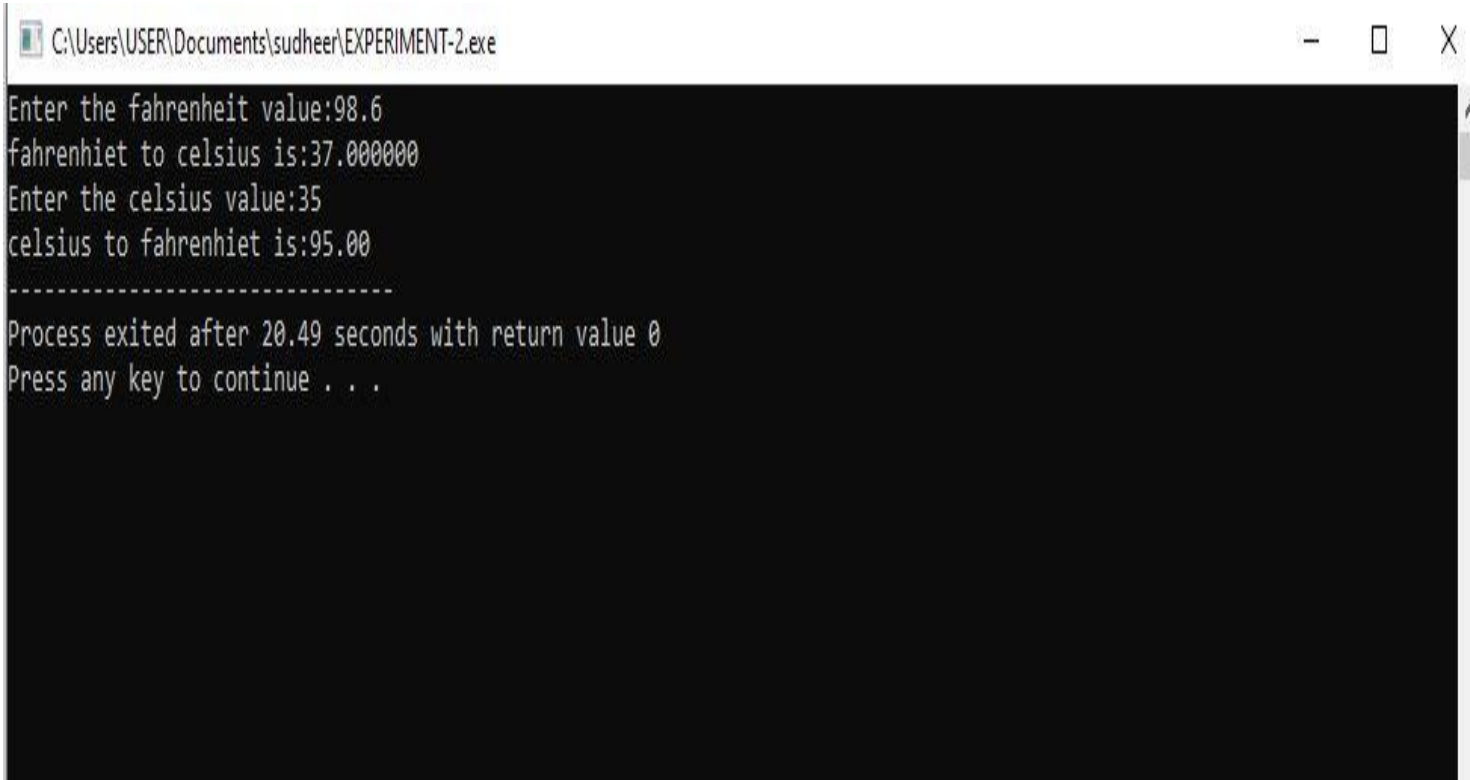
Average=3.67

Process exited after 13.47 seconds with return value 0

Press any key to continue . . .

EXPERIMENT-2

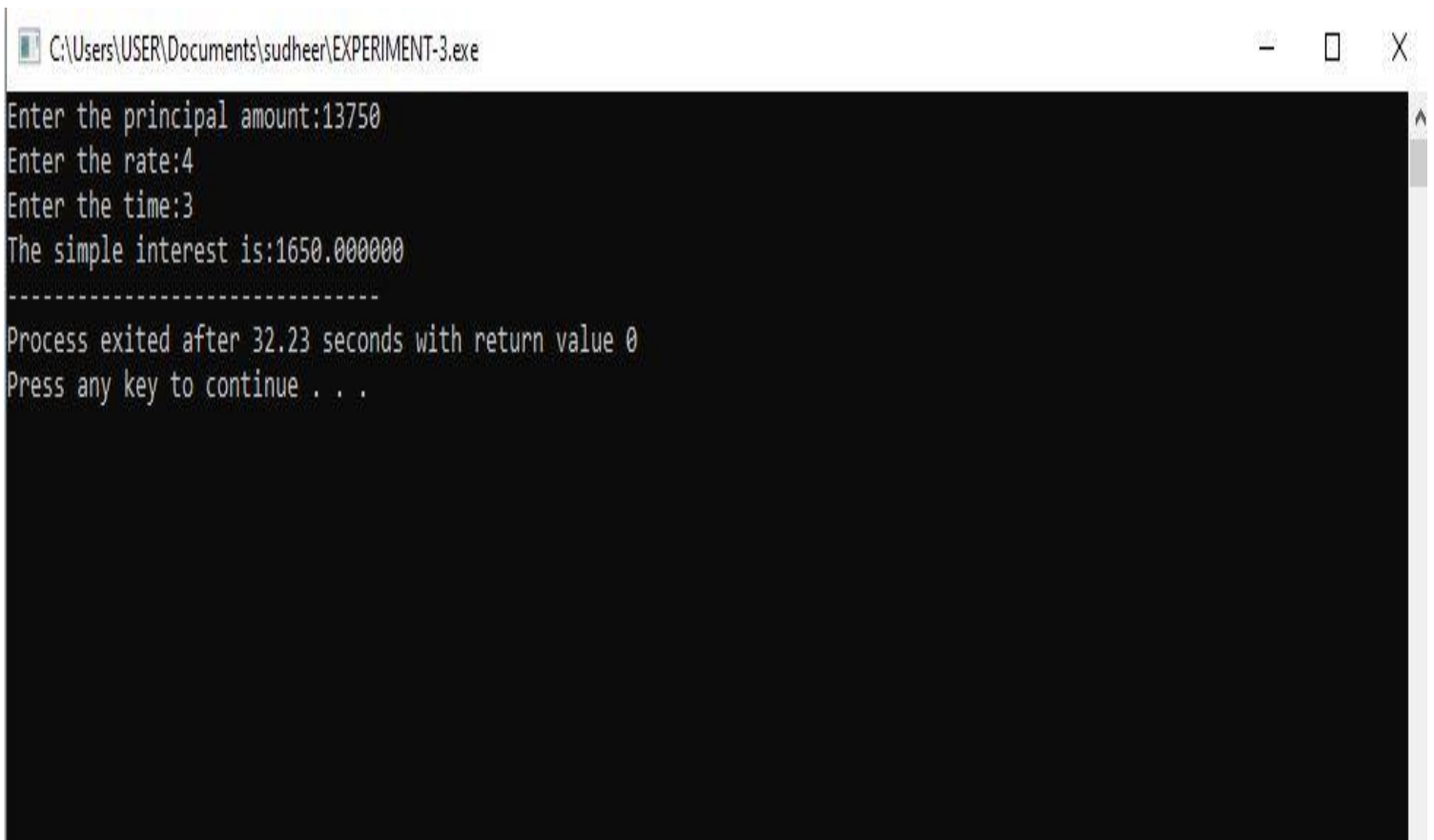
Output



```
C:\Users\USER\Documents\sudheer\EXPERIMENT-2.exe
Enter the fahrenheit value:98.6
fahrenheit to celsius is:37.000000
Enter the celsius value:35
celsius to fahrenheit is:95.00
-----
Process exited after 20.49 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-3

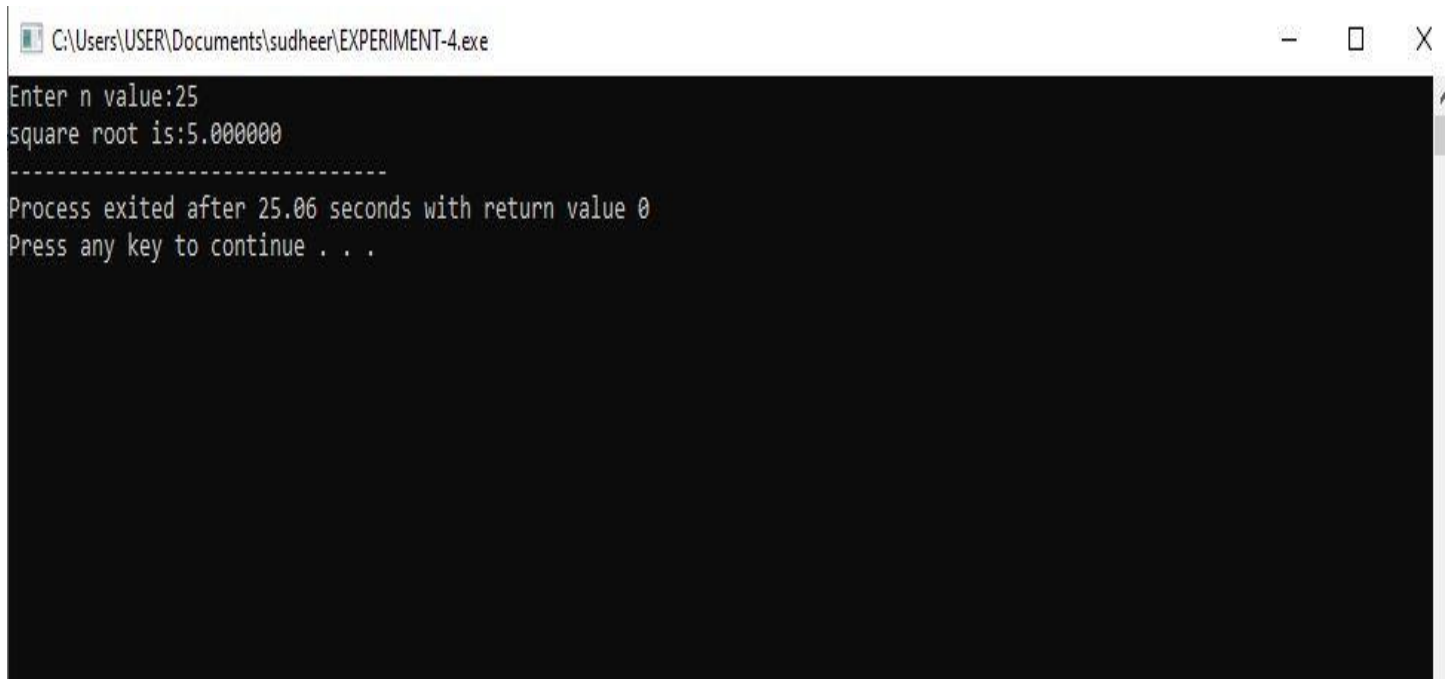
Output



```
C:\Users\USER\Documents\sudheer\EXPERIMENT-3.exe
Enter the principal amount:13750
Enter the rate:4
Enter the time:3
The simple interest is:1650.000000
-----
Process exited after 32.23 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-4

Output



```
C:\Users\USER\Documents\sudheer\EXPERIMENT-4.exe
Enter n value:25
square root is:5.000000
-----
Process exited after 25.06 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-5

Output



A screenshot of a Windows command prompt window. The title bar shows the file path "C:\Users\USER\Documents\sudheer\EXPERIMENT-5.exe". The window has standard Windows window controls (minimize, maximize, close) on the right. The command prompt displays the following text:

```
Enter principal amount:50000
Enter time period:3
Enter rate of interest:1.5
compound interest is:52283.92
-----
Process exited after 36.07 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-6

Output

C:\Users\USER\Documents\sudheer\EXPERIMENT-6.exe

— □ ×

Enter all sides of the triangle: 3 4 5

Area of triangle: 6.000000

Process exited after 18.85 seconds with return value 0

Press any key to continue . . .

EXPERIMENT-7

Output

C:\Users\USER\Documents\sudheer\EXPERIMENT-7.exe

```
Enter initial velocity: 12
Enter time taken: 5
Enter acceleration: 6
Distance travelled by object is: 135.00
-----
Process exited after 15 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-8

Output

C:\Users\USER\Documents\sudheer\EXPERIMENT-8.exe

Enter all values: 1 2 3 4 5 6 7 8 9

69

-1

1

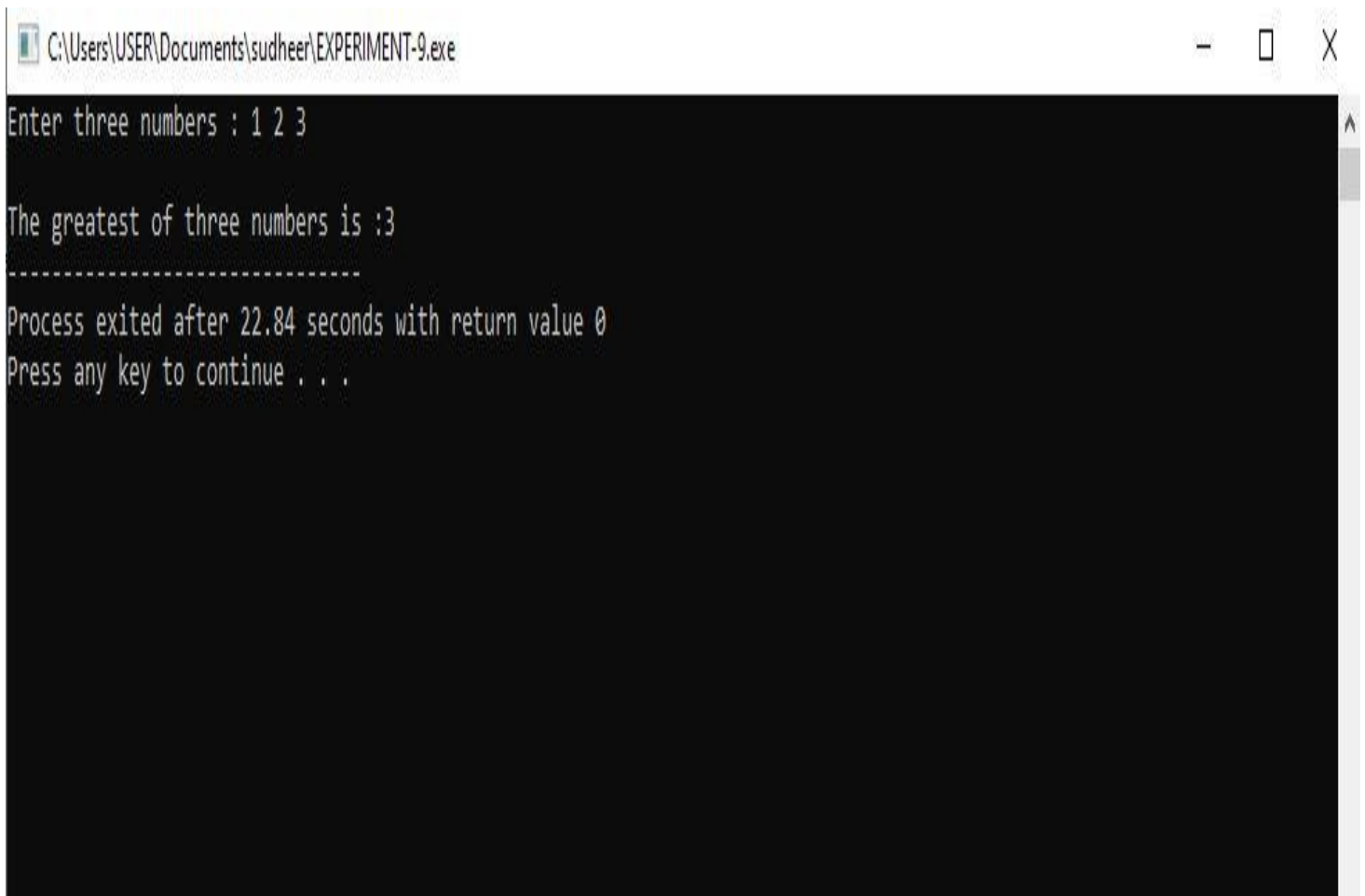
18

Process exited after 29.74 seconds with return value 0

Press any key to continue . . .

EXPERIMENT-9

Output

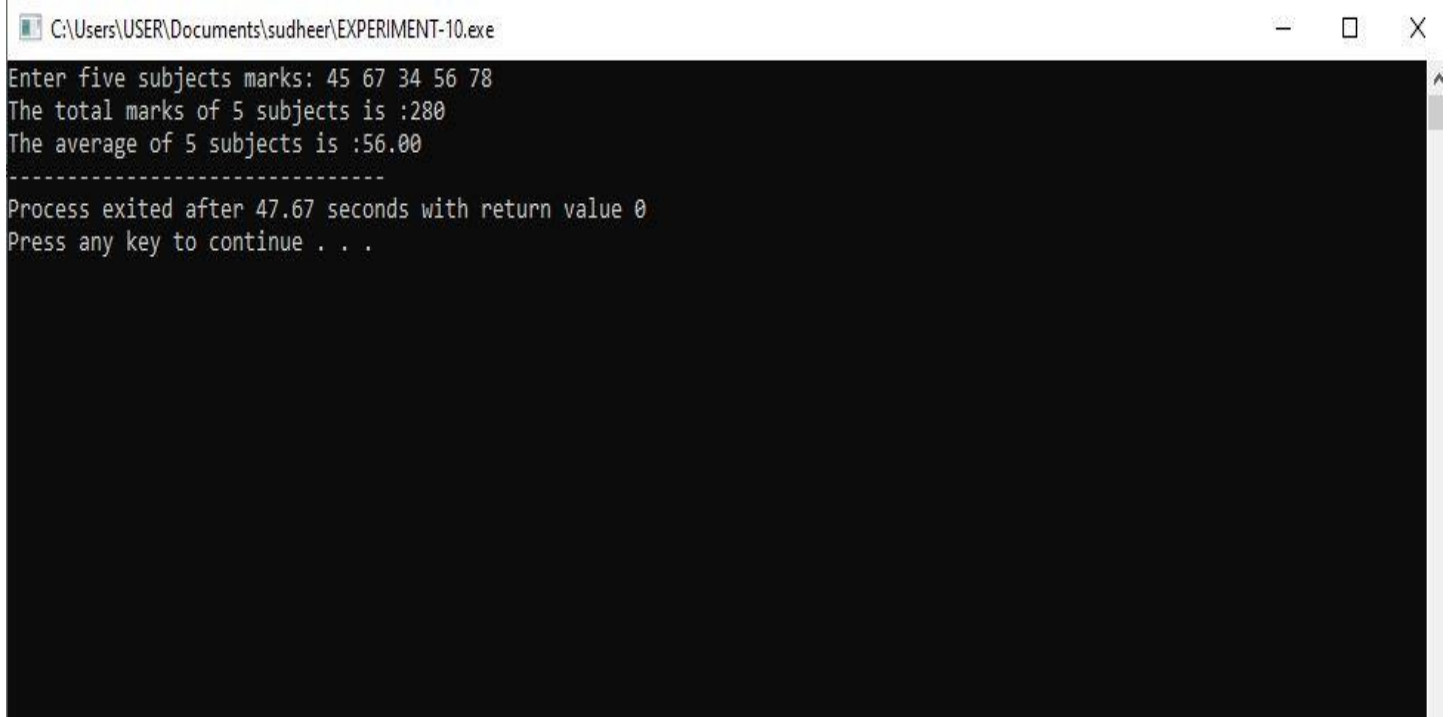


A screenshot of a Windows command prompt window. The title bar at the top shows the file path "C:\Users\USER\Documents\sudheer\EXPERIMENT-9.exe" and standard window controls (minimize, maximize, close). The command prompt has a black background with white text. The text displayed is as follows:

```
Enter three numbers : 1 2 3  
  
The greatest of three numbers is :3  
-----  
Process exited after 22.84 seconds with return value 0  
Press any key to continue . . .
```

EXPERIMENT-10

Output



A screenshot of a Windows command prompt window. The title bar shows the file path "C:\Users\USER\Documents\sudheer\EXPERIMENT-10.exe". The window has standard Windows window controls (minimize, maximize, close) on the right. The command prompt displays the following text:

```
Enter five subjects marks: 45 67 34 56 78
The total marks of 5 subjects is :280
The average of 5 subjects is :56.00
-----
Process exited after 47.67 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-11

Output

C:\Users\USER\Documents\sudheer\EXPERIMENT-11.exe

Enter any four numbers: 1 2 3 5

max=5

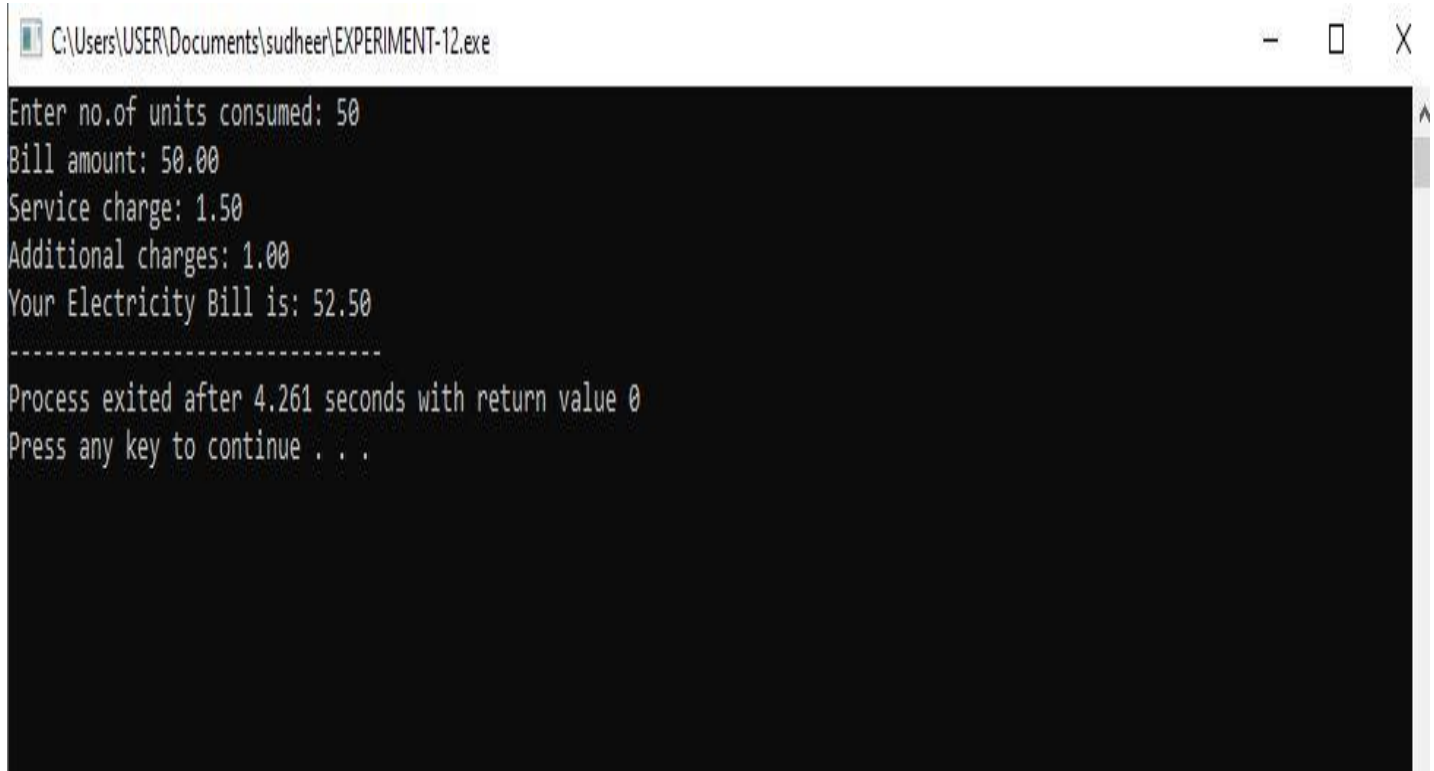
min=1

Process exited after 26.66 seconds with return value 0

Press any key to continue . . .

EXPERIMENT-12

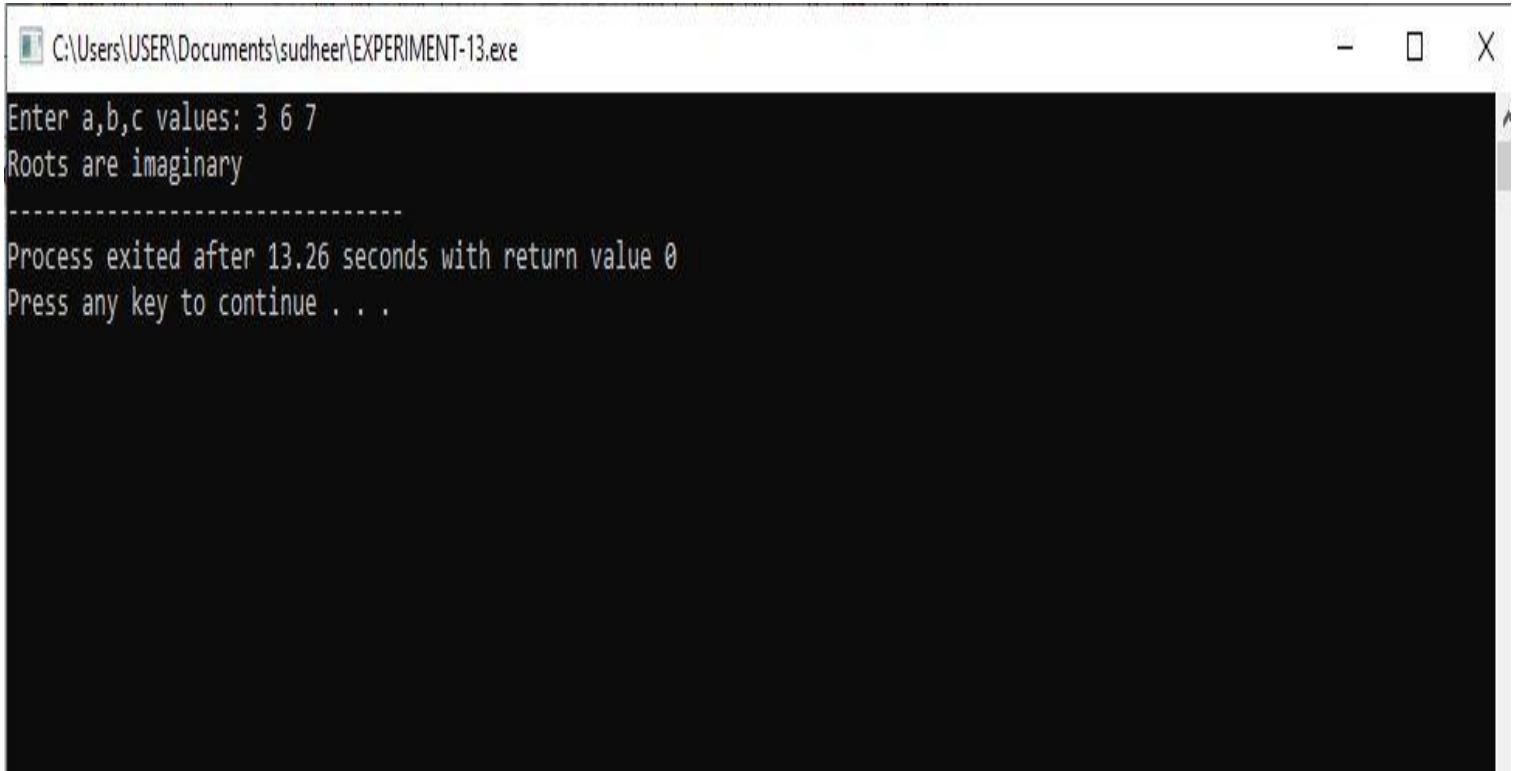
Output



```
C:\Users\USER\Documents\sudheer\EXPERIMENT-12.exe
Enter no.of units consumed: 50
Bill amount: 50.00
Service charge: 1.50
Additional charges: 1.00
Your Electricity Bill is: 52.50
-----
Process exited after 4.261 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-13

Output



A screenshot of a Windows command prompt window. The title bar at the top shows the file path "C:\Users\USER\Documents\sudheer\EXPERIMENT-13.exe" and standard window controls (minimize, maximize, close). The command prompt has a black background with white text. The text displayed is as follows:

```
Enter a,b,c values: 3 6 7
Roots are imaginary
-----
Process exited after 13.26 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-14

Output

C:\Users\USER\Documents\sudheer\EXPERIMENT-14.exe

Simple Calculator

+ ---> Addition

- ---> Subtraction

* ---> Multiplication

/ ---> Division

Enter your choice: +

Enter any two numbers: 8 9

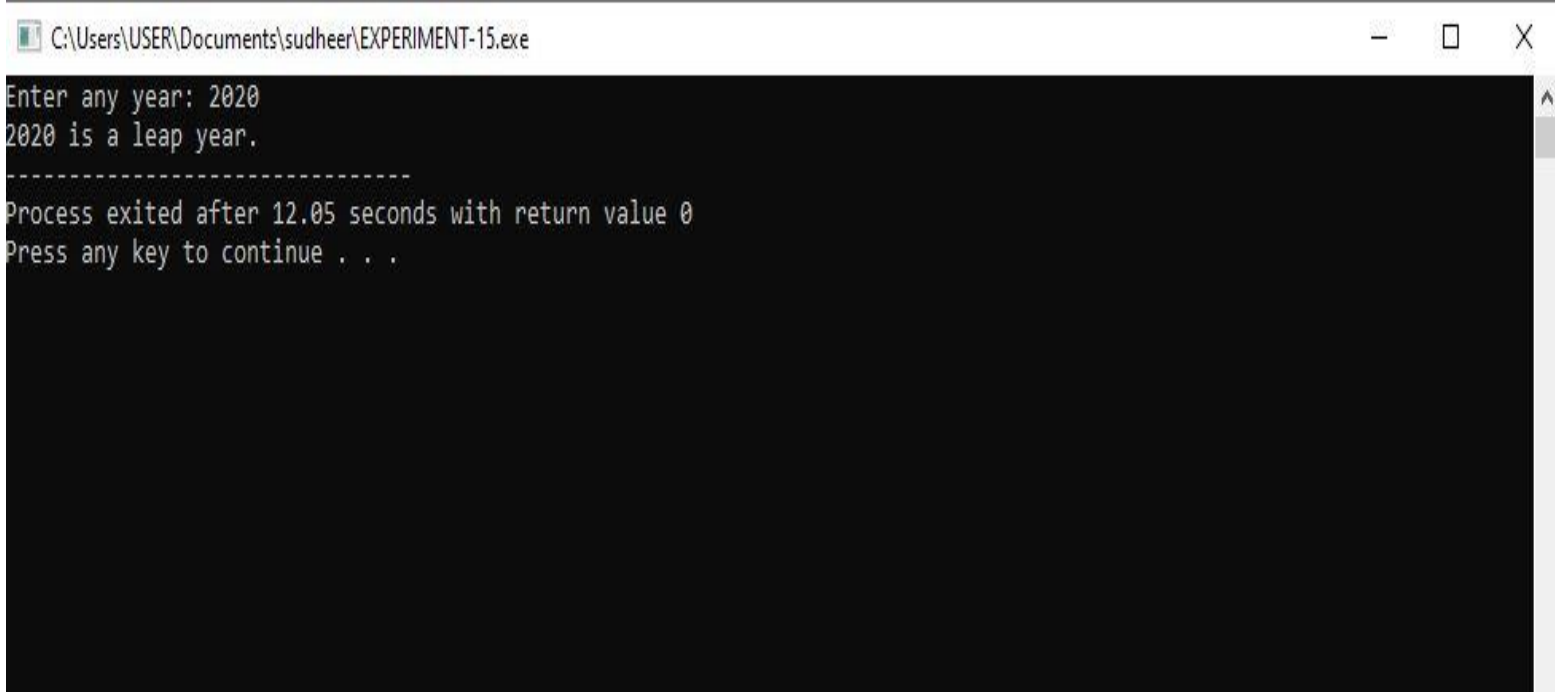
a+b: 17

Process exited after 20.31 seconds with return value 0

Press any key to continue . . .

EXPERIMENT-15

Output



```
C:\Users\USER\Documents\sudheer\EXPERIMENT-15.exe
Enter any year: 2020
2020 is a leap year.
-----
Process exited after 12.05 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-16

Output



A screenshot of a Windows command prompt window. The title bar at the top shows the file path "C:\Users\USER\Documents\sudheer\EXPERIMENT-16.exe" and standard window controls (minimize, maximize, close). The command prompt has a black background with white text. The text displayed is as follows:

```
Enter a positive integer: 6
Factorial of 6 is: 720

-----
Process exited after 8.132 seconds with return value 0
Press any key to continue . . .
```


EXPERIMENT-17

Output

C:\Users\USER\Documents\sudheer\EXPERIMENT-17.exe

```
Enter an Number: 5
5 is a Prime Number.
-----
Process exited after 19.5 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-18

Output

C:\Users\USER\Documents\sudheer\EXPERIMENT-18.exe

Enter x value in degrees: 55.5

Enter n value: 58


cos(55.500000): 0.566407

Process exited after 16.33 seconds with return value 0

Press any key to continue . . .

EXPERIMENT-19

Output




A screenshot of a Windows command prompt window. The title bar at the top shows the file path "C:\Users\USER\Documents\sudheer\EXPERIMENT-19.exe" and standard window controls (minimize, maximize, close). The command prompt has a black background with white text. The user has entered "90" for both the "x value in degrees" and "n value". The program has calculated and displayed "sin(90.000000): 1.000000". A dashed line separates this output from the program's exit message: "Process exited after 13.74 seconds with return value 0". The prompt then asks "Press any key to continue . . .".

```
C:\Users\USER\Documents\sudheer\EXPERIMENT-19.exe
Enter x value in degrees: 90
Enter n value: 90
sin(90.000000): 1.000000
-----
Process exited after 13.74 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-20

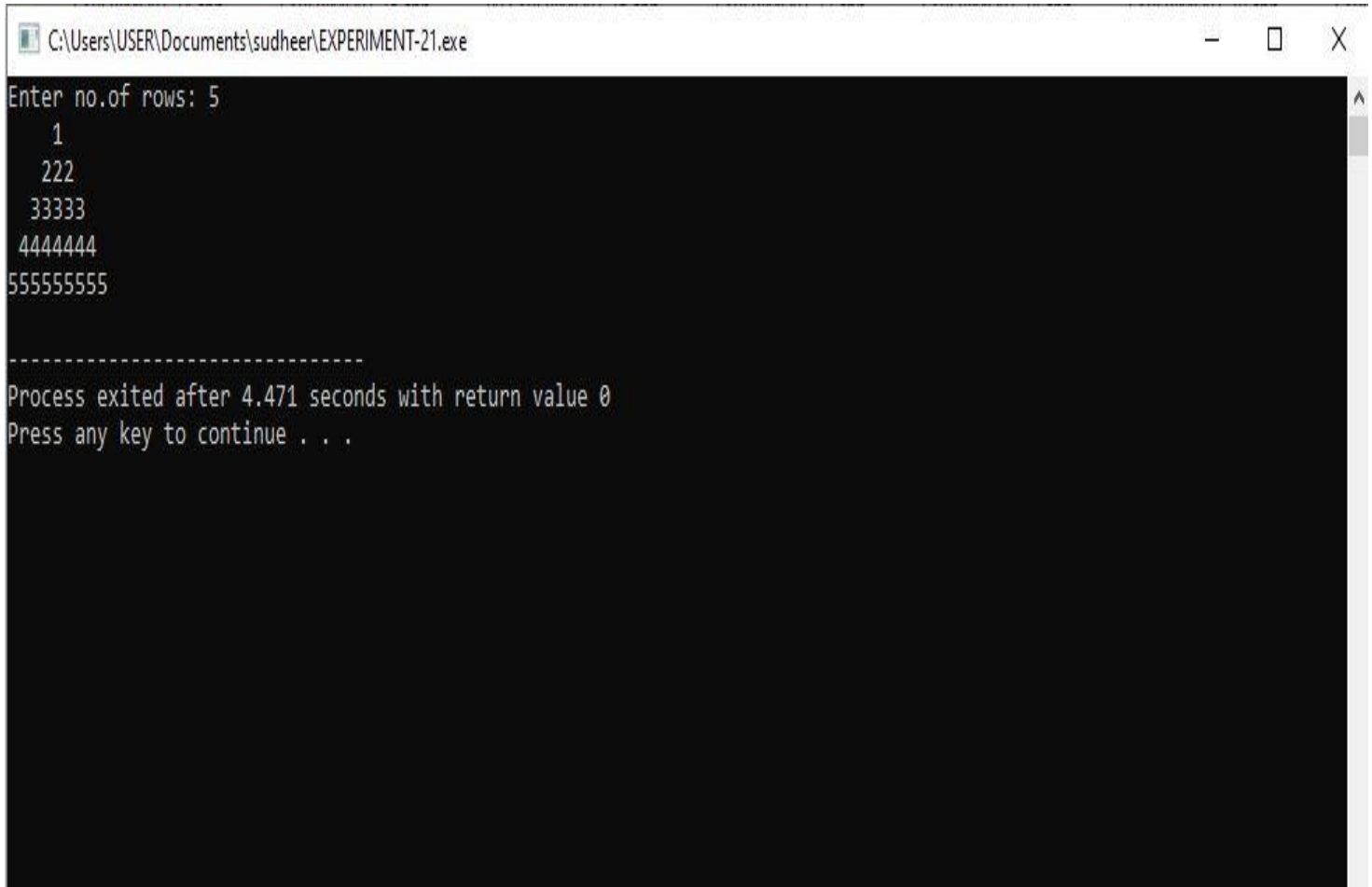
Output



```
C:\Users\USER\Documents\sudheer\EXPERIMENT-20.exe
Enter any number: 55
55 is a Palindrome number
-----
Process exited after 4.431 seconds with return value 0
Press any key to continue . . .
```

EXPERIMENT-21

Output



```
C:\Users\USER\Documents\sudheer\EXPERIMENT-21.exe
Enter no.of rows: 5
 1
22
3333
4444444
555555555

-----
Process exited after 4.471 seconds with return value 0
Press any key to continue . . .
```