

```
enter the values A and B :23
56
a=23 b=56
after interchanging :
a=56 b=23
```

```
Enter the number whose factorial is to be found:6
The factorial of 6 is : 720
```

employee details

the name is vinod

the idno is 26998

the salary is 737849267877846410000000000000.00

employee details

the name is

the idno is 10

the salary is 736574795611449550000000000000.00

employee details

the name is

the idno is 8192

the salary is 6500.00

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shell 27 - GDB online Debugger

onlinegdb.com/edit/eR0aAq3YT

Language Bash

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main.bash

```
1 #!/bin/sh
2 echo "enter a number"
3 read a
4 cube=$((a*a*a))
5 echo "cube of $a"=$cube
6
```

Input

```
enter a number
3
cube of 3=27

...Program finished with exit code 0
Press ENTER to exit console.
```

enter the number :125
125 is not an armstrong number.

enter the last term of the array :6

45

79

-9

23

-97

65

the elements in ascending order

-97.00 -9.00 23.00 45.00 65.00 79.00 _

```
enter the string to check palindrome or not.  
enter a string :madam  
the given string madam is a palindrome.
```

enter the nth term of array :4

12

79

50

-21

largest element in array is 79.0000000

smallest element in array is -21.0000000

enter the number :153
153 is an armstrong number .

enter the number :153
153 is an armstrong number.

```
enter the nth element :9  
1 4 9 16 25 36 49 64 81
```

```
enter three integers :23  
65  
12  
maximum is: 65
```

```
enter the decimal number:14  
the binary number is : 1110
```

-

```
C:\TURBOC3\BIN>TC
```

```
enter the value n :4
```

```
sum of the series S=20.
```

enter three sides :5

6

7

area of triangle = 14.696939 sq units

```
enter the value of x :81
square root of 81.00 is 9.00_
```



```
enter temperature in centigrade :20
fahrenheit equivalent is :68.0
enter temprature in farenheit : 68
centigrade equivalent is: 20.0
```

enter the binary number:1111
the binary equivalent of 1111 in decimal =15

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main bash

1 `#!/bin/bash`

2 `echo "enter a number"`

3 `read n`

4 `sum=0`

5 `temp=$n`

6 `while [$n -gt 0]`

7 `do`

8 `r=$((n%10))`

9 `sum=$((r+sum*10))`

10 `n=$((n/10))`

11 `done`

12 `if [$temp -eq $sum]`

13 `then`

14 `echo "palindrome"`

15 `else`

16 `echo "not a palindrome"`

17 `fi`

input

enter a number

121

palindrome

...Program finished with exit code 0

Press ENTER to exit console.

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Language Bash

main bash

```
1 #!/bin/bash
2 echo "enter a integer"
3 read m
4 a=1
5 echo "n natural numbers: "
6 for ((a=1;a<m;a++))
7 do
8     echo $a
9 done
```

input

```
enter a integer
5
n natural numbers:
1
2
3
4

...Program finished with exit code 0
Press ENTER to exit console.
```

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Language Bash

main.bash

```
1 #!/bin/bash
2 echo "enter a number: "
3 read a
4 echo "enter a number: "
5 read b
6 sum=$((a+b))
7 echo "sum = "$sum
8 subtraction=$((a-b))
9 echo "subtraction ="$subtraction
10 mult=$((a*b))
11 echo "product="$mult
12 div=$((a/b))
13 echo "division="$div
```

input

```
enter a number:
45
enter a number:
34
sum = 79
subtraction =11
product=1530
division=1

...Program finished with exit code 0
Press ENTER to exit console.
```

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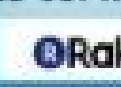
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main bash

```
1 #!/bin/sh
2 echo "enter a number"
3 read a
4 square=$((a*a))
5 echo "square of "$a"="$square
```


Language Bash


Input

```
enter a number
3
square of 3=9

...Program finished with exit code 0
Press ENTER to exit console.
```

79°F
Mostly sunny





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main bash

1

#!/bin/bash

2

echo "enter year:"

3

read y

4

year=\$y

5

y=\$((\$y % 4))

6

if [\$y -eq 0]

7

then

8

echo "\$year is leap year"

9

else

10

echo "\$year is not a leap year"

11

fi

input

enter year:

2004

2004 is leap year

...Program finished with exit code 0

Press ENTER to exit console.

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79°F

Mostly sunny

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```
C:\TURBOC3\BIN>TC
entere the string:
mahammad
length of str is 8
```

```
C:\TURBOC3\BIN>TC  
enter a number.3457  
sum is=19enter a number.
```

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Language Bash

main bash

```
1 #!/bin/bash
2 echo "enter first number: "
3 read first
4 echo "enter second number: "
5 read second
6 temp=$first
7 first=$second
8 second=$temp
9 echo "after swapping: "
10 echo "first number=#first, second
11 number=$second"
12
```

input

enter first number:
12
enter second number:
31
after swapping:
first number=#first, second
number=12

...Program finished with exit code 0
Press ENTER to exit console.

74°F

Mostly sunny

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enter the element of A matrices :

1
2
3
4
5
6
7
8
9

enter the element of B matrices :

1
2
3
4
5
6
7
8
9

sum of A and B matrix :

2	4	6
8	10	12
14	16	18

```
enter the number whose factorial is to be found:6  
the factorial of 6 is : 30
```

input row & column of matrix :3

3

enter the elements of matrix.

1

2

3

4

5

6

7

8

9

transpose of the matrix is :

1 4 7

2 5 8

3 6 9