```
Enter 10 numbers: 1 2 3 4 5 6 7 8 9 10
Entered numbers are:
num[0] = 1.000000
num[1] = 2.000000
num[2] = 3.000000
num[3] = 4.000000
num[4] = 5.000000
num[5] = 6.000000
num[6] = 7.000000
num[7] = 8.000000
num[8] = 9.000000
num[9] = 10.000000

--------------------------------
Process exited after 6.833 seconds with return value 0
Press any key to continue . . .
```

```
Enter rows of matrix: 3
Enter columns of matrix: 3
Enter the elements of matrix:
1 2 3 4 5 6 7 8 9
Entered matrix is:
1       2       3
4       5       6
7       8       9

--------------------------------
Process exited after 11.37 seconds with return value 0
Press any key to continue . . .
```

```
Enter the elements of 1st matrix:
1 2 3 4 5 6 7 8 9
The 1st matrix is:
1       2       3
4       5       6
7       8       9
Enter the elements of 2nd matrix:
1 2 3 4 5 6 7 8 9
The 2nd matrix is:
1       2       3
4       5       6
7       8       9
The sum of matrices is:
2       4       6
8       10      12
14      16      18

--------------------------------
Process exited after 13.88 seconds with return value 0
Press any key to continue . . .
```

```
Enter the elements matrix:
1 2 3 4 5 6 7 8 9
The matrix to be transposed is:
1       2       3
4       5       6
7       8       9
The transposed matrix is:
1       4       7
2       5       8
3       6       9

--------------------------------
Process exited after 4.824 seconds with return value 0
Press any key to continue . . .
```

```
Enter order of matrix: 3 3
Enter the elements matrix:
1 2 3 4 5 6 7 8 9
Entered matrix is:
1       2       3
4       5       6
7       8       9
Sum of squares in a diagonal is 107.
--------------------------------
Process exited after 8.028 seconds with return value 0
Press any key to continue . . .
```

```
Enter number of rows in 1st matrix: 2
Enter number of columns in 1st matrix: 2
Enter number of rows in 2nd matrix: 2
Enter number of columns in 2nd matrix: 2
Enter the elements of 1st matrix:
1 1 1 1
The 1st matrix is:
1       1
1       1
Enter the elements of 2nd matrix:
1 1 1 1
The 2nd matrix is:
1       1
1       1
The multiplication of matrices is:
2       2
2       2

--------------------------------
Process exited after 13.43 seconds with return value 0
Press any key to continue . . .
```

```
Enter the elements of matrix:
1 2 3 4 5 6 7 8 9

Enter 1 to display matrix.
Enter 2 to display sum of even values of elements.
Enter 3 to display sum of all diagonal elements.
Enter 4 to exit.
Enter your choice: 1
The matrix is:
1       2       3
4       5       6
7       8       9

Enter your choice: 2
Sum of even values of elements = 20
Enter your choice: 3
Sum of all diagonal elements = 15
Enter your choice: 4

--------------------------------
Process exited after 16.73 seconds with return value 0
Press any key to continue . . .
```

```
Enter the elements of matrix:
1 1 1 1 1 1 1 1 1
Sum of all elements = 9
--------------------------------
Process exited after 10.63 seconds with return value 0
Press any key to continue . . .
```

```
Copied string = Hello World
--------------------------------
Process exited after 0.02524 seconds with return value 0
Press any key to continue . . .
```

```
Enter your name: Bimochan
Length of name = 8
--------------------------------
Process exited after 4.701 seconds with return value 0
Press any key to continue . . .
```

```
s1 = Happy
s2 = New Year
After concatenating = Happy New Year
--------------------------------
Process exited after 0.02354 seconds with return value 0
Press any key to continue . . .
```

```
Enter a string: bimochan
String after reversing = nahcomib
--------------------------------
Process exited after 3.879 seconds with return value 0
Press any key to continue . . .
```

```
Enter a string: intelligent
Number of vowels = 4
Number of consonants = 7
--------------------------------
Process exited after 8.602 seconds with return value 0
Press any key to continue . . .
```

```
Enter a string: noon
Palindrome
--------------------------------
Process exited after 27.55 seconds with return value 0
Press any key to continue . . .
```

```
Enter a string: i love c
String in uppercase = I LOVE C
--------------------------------
Process exited after 6.735 seconds with return value 0
Press any key to continue . . .
```

```
Enter a string in uppercase: C PROGRAMMING
String in lowercase = c programming
--------------------------------
Process exited after 13.79 seconds with return value 0
Press any key to continue . . .
```

```
Enter 1st string: abc
Enter 2nd string: abc
Two strings are identical.
--------------------------------
Process exited after 5.83 seconds with return value 0
Press any key to continue . . .
```