

Class Diagram

| Num_Manip | |
|-----------|--------------------------------|
| | - sum - arr[5] |
| | + Mixer + Adder + Sorter |

Screen shots

```
Enter array values:  
1  
Enter array values:  
2  
Enter array values:  
3  
Enter array values:  
4  
Enter array values:  
5_
```

```
1. Sum of array values.  
2. Mix a set of numbers.  
3. Generate largest possible value.  
4. Exit.  
Enter your number option :
```

Option 1.

C:\Users\User\source\repos\Computer Science 2 Gp Project\Debug\Computer Science 2 Gp Project.exe

```
1.Sum of array values.  
2.Mix a set of numbers.  
3.Generate largest possible value.  
4.Exit.  
Enter your number option : 1  
  
Sum: 15  
Press any key to continue . . . █
```

Option 2.

C:\Users\User\source\repos\Computer Science 2 Gp Project\Debug\Computer Science 2 Gp Project.exe

```
1.Sum of array values.  
2.Mix a set of numbers.  
3.Generate largest possible value.  
4.Exit.  
Enter your number option : 2  
  
Mixer:  
Enter second list of array values:  
12  
34  
56  
64  
32  
1, 12, 2, 34, 3, 56, 4, 64, 5, 32  
Press any key to continue . . . █
```

Option 3.

```
C:\Users\User\source\repos\Computer Science 2 Gp Project\Debug\Computer Science 2 Gp Project.exe
1.Sum of array values.
2.Mix a set of numbers.
3.Generate largest possible value.
4.Exit.
Enter your number option : 3

Sorter:
Enter 5 numbers:
Enter number : 50
Enter number : 2
Enter number : 1
Enter number : 9
Enter number : 0

Result: 950120 Press any key to continue . . .
```

Option 4.

```
Microsoft Visual Studio Debug Console
1.Sum of array values.
2.Mix a set of numbers.
3.Generate largest possible value.
4.Exit.
Enter your number option : 4
Goodbye

C:\Users\User\source\repos\Computer Science 2 Gp Project\Debug\Computer Science 2 Gp Project.exe (process 13228) exited
with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console
when debugging stops.
Press any key to close this window . . .
```

Incorrect choice

```
C:\Users\User\source\repos\Computer Science 2 Gp Project\Debug\Computer Science 2 Gp Project.exe
1.Sum of array values.
2.Mix a set of numbers.
3.Generate largest possible value.
4.Exit.
Enter your number option : 6

Error : 404; Please enter a option from above!!!
Press any key to continue . . .
```