

## Exercise 2:

### Task1:

```
The random number generated is: 15.954365
The random number generated is: 15.882247
The random number generated is: 35.998354
The random number generated is: 22.865511
The random number generated is: 58.718577
The sum is: 149.42
```

### Task2:

```
The random number generated is: 62.983065
The random number generated is: 49.813272
The random number generated is: 3.805166
The random number generated is: 4.049722
The random number generated is: 51.296368
The sum is: 171.95
```

### Task3:

```
The random number generated is: 16.883370
The random number generated is: 9.602397
The random number generated is: 69.876444
The random number generated is: 14.375087
The random number generated is: 38.533243
The sum is: 149.27
```

## Exercise 3:

Printing list of dates just after its creation ...

Key: 1000 || 2/3/1990

Key: 1001 || 2/3/1991

Key: 1002 || 2/3/1992

Key: 1003 || 2/3/1993

Printing list of Integers just after its creation ...

Key: 2000 || 23

Key: 2001 || 24

Key: 2002 || 266

Key: 2003 || 323

Printing list of products with 4 items ...

Key: 3000 || Product Name: Video Card||Shelving Date: 2/11/1998||Shelf: 33

Key: 3001 || Product Name: Controller||Shelving Date: 22/10/2008||Shelf: 93

Key: 3002 || Product Name: RAM||Shelving Date: 31/9/2007||Shelf: 3

Key: 3003 || Product Name: Monitor||Shelving Date: 2/11/1998||Shelf: 83

Printing list of products after two remove operations.

Key: 3001 || Product Name: Controller||Shelving Date: 22/10/2008||Shelf: 93

Key: 3002 || Product Name: RAM||Shelving Date: 31/9/2007||Shelf: 3

Let's look up some product names ...

Found: Key: 3002 || Product Name: RAM||Shelving Date: 31/9/2007||Shelf: 3

Sorry, couldn't find key: 4000 in the table.

Found: Key: 3001 || Product Name: Controller||Shelving Date: 22/10/2008||Shelf: 93

Sorry, couldn't find key: 3000 in the table.

Printing list of Points.

Key: 5000 || Point ID: P1

X-coordinate: 6.0

Y-coordinate: 8.0

Key: 5001 || Point ID: P2

X-coordinate: 11.0

Y-coordinate: 34.0

Key: 5002 || Point ID: P3

X-coordinate: 9.0

Y-coordinate: 109.0

\*\*\*----Finished testing-----\*\*\*