

```
Select data type:
1. Integer
2. Float
3. Character
4 to exit
Enter choice: 1
Enter integers (enter 0 to stop):
23
43
76
45
8
48
0
Original elements: 23 43 76 45 8 48
Max value: 76
Reversed collection: 48 8 45 76 43 23
Select data type:
1. Integer
2. Float
3. Character
4 to exit
Enter choice: 4
Thank you!
```

```
Process returned 0 (0x0)    execution time : 47.601 s
Press any key to continue.
```

Enter the no. of circles 2

Enter the radius of circle : 1:14

The area of circle with radius 14 is :615.44

Enter the radius of circle : 2:8

The area of circle with radius 8 is :200.96

Process returned 0 (0x0) execution time : 13.094 s

Press any key to continue.

Enter number of managers to add (max 10): 2

Enter details for Manager 1:

Name: virat

Age: 36

Employee ID: 1

Department: 1

Enter details for Manager 2:

Name: dhoni

Age: 43

Employee ID: 2

Department: 2

--- All Manager Details ---

Manager 1 Details:

Name: virat, Age: 36

Employee ID: 1

Department: 1

Manager 2 Details:

Name: dhoni, Age: 43

Employee ID: 2

Department: 2

Process returned 0 (0x0) execution time : 39.133 s

Press any key to continue.

Enter details for car 1:  
Enter Car Name: bmw  
Enter Fuel Type: v12  
Enter Brand Name: bmw  
Do you want to add another car? (y/n): y

Enter details for car 2:  
Enter Car Name: swift  
Enter Fuel Type: v8  
Enter Brand Name: maruti  
Do you want to add another car? (y/n): N

Displaying all car details:

--- Car Details ---

Car Name: bmw  
Fuel Type: v12  
Brand Name: bmw

--- Car Details ---

Car Name: swift  
Fuel Type: v8  
Brand Name: maruti

Process returned 0 (0x0)      execution time : 67.038 s  
Press any key to continue.

```
Enter 1 to create saving account
Enter 2 to create current account
Enter your choice: 1
Enter account number: 1
Enter initial balance: 2000
Enter interest rate: 5
Saving account created successfully!
Enter 1 to Deposit amount
Enter 2 to withdraw amount
Enter 3 to undo last transaction
Enter 0 to exit
Enter your choice: 2
Enter amount to withdraw: 1000
Amount 1000 withdrawn successfully!
Current balance: 1000
Enter 1 to Deposit amount
Enter 2 to withdraw amount
Enter 3 to undo last transaction
Enter 0 to exit
Enter your choice: 0
Thank you!
```

```
Process returned 0 (0x0)    execution time : 73.867 s
Press any key to continue.
```

Enter n: 10

Enter k: 15

108458770

Process returned 0 (0x0)    execution time : 15.080 s

Press any key to continue.

Enter the size of the array: 5

Enter 5 elements:

11

76

98

46

39

Recursive Sum: 270

Iterative Sum: 270

Process returned 0 (0x0) execution time : 17.099 s

Press any key to continue.

```
Enter name for Employee 1: virat
Enter The Basic Salary: 10000
Do you want to give Special bonus? (Y/N): Y
Enter Bonus: 1000
Do you want to add another Employee? (Y/N): N
```

```
EMPLOYEE DETAILS :
```

```
Name : virat
Basic Salary : 10000
Total Salary : 11000
Process returned 0 (0x0)    execution time : 32.493 s
Press any key to continue.
```



Enter the number of students: 3

Enter the name of student 1: mihir

Enter the roll number of student 1: 88

Enter the marks of 3 subjects: 98

93

86

Enter the name of student 2: ansh

Enter the roll number of student 2: 100

Enter the marks of 3 subjects: 78

93

82

Enter the name of student 3: akshar

Enter the roll number of student 3: 86

Enter the marks of 3 subjects: 99

80

79

Enter 1 to display all records or 0 to display a specific record: 1

Name : mihir  
Roll No : 88  
Average : 92.3333

---

Name : ansh  
Roll No : 100  
Average : 84.3333

---

Name : akshar  
Roll No : 86  
Average : 86

---

Process returned 0 (0x0) execution time : 94.489 s

Press any key to continue.

|

C:\Users\ASUS\Downloads\pr X + v

Enter how many rectangle objects you want to create :2

Set dimension of rectangle 1

Enter the length :15

Enter the breadth :20

Area :300

Perimeter :70

Set dimension of rectangle 2

Enter the length :30

Enter the breadth :40

Area :1200

Perimeter :140

Enter 1 to update the dimensions or 0 to exit : 1

Enter the no. of that rectangle whose dimensions you want to change : 1

Enter the new length : 20

Enter the new breadth : 35

new Area :700

new Perimeter :110

Process returned 0 (0x0) execution time : 46.249 s

Press any key to continue.



C:\Users\ASUS\Downloads\pr X



Enter the name of the product: shampoo

Enter the ID of the product: 1

Enter the price of the product: 700

Enter 1 to continue and 0 to exit the system!

1

Enter the name of the product: soap

Enter the ID of the product: 2

Enter the price of the product: 200

Enter 1 to continue and 0 to exit the system!

0

-----  
Total bill is: 900

Thank You!

Process returned 0 (0x0) execution time : 52.022 s

Press any key to continue.



C:\Users\ASUS\Downloads\pr X



```
Enter your name: virat
Enter your account number: 1
For DEPOSIT Enter 1
For WITHDRAW Enter 2
For CHECKING CURRENT BALANCE Enter 3
For EXIT Enter 4
```

```
Enter your choice: 1
Enter amount for Deposit: 1000
```

```
Enter your choice: 2
Enter amount for Withdraw: 500
```

```
Enter your choice: 3
Current Balance: 10500
Enter your choice: 4
```

Thank you!

```
Process returned 0 (0x0)    execution time : 22.336 s
Press any key to continue.
```

Enter the account number : 1

Enter the current account balance : 100000

Enter the account holder name : virat

Enter 1 to add more else 0 to proceed : 0

Enter 1 to withdraw

Enter 2 to deposit

Enter 3 to display account details

Enter 4 to exit : 1

Enter the account number : 1

Enter the amount to withdraw : 50000

Transaction successfull

Process returned 0 (0x0)    execution time : 35.833 s

Press any key to continue.

```
Enter details for Account 1
Enter Account Number: 1
Enter Account Holder Name: virat
Enter Initial Balance: 10000
Do you want to add another account? (Y/N): Y
```

```
Enter details for Account 2
Enter Account Number: 2
Enter Account Holder Name: dhoni
Enter Initial Balance: 15000
Do you want to add another account? (Y/N): N
```

#### ACCOUNT DETAILS

```
Account Number: 1
Name: virat
Balance: 10000
Account Number: 2
Name: dhoni
Balance: 15000
Total Accounts Created: 2
```

#### MONEY TRANSFER

```
Enter Sender Account index (1 to 2): 1
Enter Receiver Account index (1 to 2): 2
Enter Amount to Transfer: 2000
Transfer Successful! 2000 transferred from Account 1 to Account 2
```

#### UPDATED ACCOUNT DETAILS

```
Account Number: 1
Name: virat
Balance: 8000
Account Number: 2
Name: dhoni
Balance: 17000
Total Accounts Created: 2
```

```
Process returned 0 (0x0)    execution time : 114.773 s
Press any key to continue.
```

Enter the id of item 1 :1

Enter the quantity of item 1 :20

Enter the price of item 1 :350

Enter the name of item 1 :chips

Enter 1 to add more items or 0 to proceed: 1

Enter the id of item 2 :2

Enter the quantity of item 2 :25

Enter the price of item 2 :250

Enter the name of item 2 :books

Enter 1 to add more items or 0 to proceed: 0

Enter 1 to increase the stocks :

Enter 2 to purchase the items :

Enter 3 to show inventory :

Enter 4 to exit :2

Enter the id of item you want to purchase: 1

Enter the quantity to purchase: 10

Amount to be paid: 3500

Total bill: 3500

Enter 1 to increase the stocks :

Enter 2 to purchase the items :

Enter 3 to show inventory :

Enter 4 to exit :4

Thank you. Visit again.

Process returned 0 (0x0) execution time : 66.551 s

Press any key to continue.