



```
1 //program 2.1
2 Inside main function.
3 Inside Constructor
4 Back to main function.
5 Inside Destructor
6
7 //program 2.2
8 area = 250
9 perimeter = 110.99
10
11 //program 2.3
12 Sum :12 + 4i
13 Multiply :32 + 26i
14 Diffrence :-2 + 2i
```



```
1 //program 4
2 Addition :Calling Copy Constructor!
3 4ft 6inch
4 Calling Copy Constructor!
5 2ft 5inch
6 Calling Copy Constructor!
7 6ft 11inch
8 Substraction :Calling Copy Constructor!
9 4ft 6inch
10 Calling Copy Constructor!
11 2ft 5inch
12 Calling Copy Constructor!
13 -2ft -1inch
```



```
1 //program 5
2
3 Enter 1 for create a bank account.
4 Enter 2 for deposit in a bank account.
5 Enter 3 for withdrwaw in a bank account.
6 Enter 4 for display details.
7
8 Choice: 1
9 Enter your Name: Tom
10 Saving account:
11 Account Details-->
12 Account holder Name: Tom
13 Account number: 1804289383
14 Account Balance: 0
15
16 Current account:
17 Account Details-->
18 Account holder Name: Tom
19 Account number: 1804289383
20 Account Balance: 0
21
22 Credit account:
23 Account Details-->
24 Account holder Name: Tom
25 Account number: 1804289383
26 Account Balance: 0
```



```
1 //program 8
2 Rectangle Area :50
3 Rectangle Perimeter :30
4 Circle Area :157.05
5 Circle Perimeter :31.41
6 Destructor of Rectangle
7 Destructor of Shape
8 Destructor of Circle
9 Destructor of Shape
```



```
1 //program 9
2 Enter the dividend: 10
3 Enter the divisor: 2
4 Result: 5
5
6 Enter the dividend: 5
7 Enter the divisor: 0
8 Error: Divisor cannot be zero!
```



```
1 //program 6
2 integer 10 and integer 20:
3 Addition: 30
4 Subtration: -10
5 Multilpication : 200
6 Division : 0
7
8 float 1.5 and float 2.5:
9 Addition: 4
10 Subtration: -1
11 Multilpication : 3.75
12 Division : 0.6
13
14 float 1.5 and integer 2:
15 Addition: 3.5
16 Subtration: -0.5
17 Multilpication : 3
18 Division : 0.75
19
20 integer 5 and float 1.5:
21 Addition: 6.5
22 Subtration: 3.5
23 Multilpication : 7.5
24 Division : 3.33333
```




```
1 //program 7
2 Area :Square class area
3 100
4 Perimeter :Square class perimeter
5 40
6 Area :Triangle class area
7 50
8 Perimeter :Triangle class perimeter
9 302.8
```



```
1 Enter 1 for create a bank account.
2 Enter 2 for deposit in a bank account.
3 Enter 3 for withdrwaw in a bank account.
4 Enter 4 for display details.
5
6 Choice: 2
7 Enter amount to Deposit = 60000
8 Select Account (1 for Saving, 2 for Current, 3 for Credit): 1
9 Balance after deposit = 60000
10 Successfully Deposited!
11
12
13 Enter 1 for create a bank account.
14 Enter 2 for deposit in a bank account.
15 Enter 3 for withdrwaw in a bank account.
16 Enter 4 for display details.
17
18 Choice: 3
19 Enter amount to withdraw = 50000
20 Select Account (1 for Saving, 2 for Current, 3 for Credit): 1
21 Balance after withdrawal = 10000
22 Transaction successful
23
```




```
1 Enter 1 for create a bank account.
2 Enter 2 for deposit in a bank account.
3 Enter 3 for withdrwaw in a bank account.
4 Enter 4 for display details.
5
6 Choice: 4
7 Account Details-->
8 Account holder Name: Tom
9 Account number: 1804289383
10 Account Balance: 10000
11
12 Account Details-->
13 Account holder Name: Tom
14 Account number: 1804289383
15 Account Balance: 0
16
17 Account Details-->
18 Account holder Name: Tom
19 Account number: 1804289383
20 Account Balance: 0
```



```

1 //1.1
2 Enter number of rooms: 2
3 Enter details of room(length and breathe in m): 1
4 Length: 10
5 Breathe: 20
6 Enter details of room(length and breathe in m): 2
7 Length: 30
8 Breathe: 40
9
10 Area and Perimeter of Each room is
11 Room 1
12 Area: 200
13 Perimeter: 60
14 Room 2
15 Area: 1200
16 Perimeter: 140
17 Sum of Area and Perimeter of all the rooms is:
18 Total Area: 1400
19 Total Perimeter: 200


```



```

1 //program 1.2
2 Area of circle: 157
3 Perimeter of circle: 31.4


```



```

1 //program program 1.3
2 Enter number of Students: 3
3
4 Enter details of student: 1
5 Roll number: 20
6 Name: tom
7 Marks: 500
8 Enter details of student: 2
9 Roll number: 49
10 Name: jerry
11 Marks: 430
12 Enter details of student: 3
13 Roll number: 30
14 Name: mick
15 Marks: 340


```



```

1 Details of Each student:
2
3 Student: 1
4 Name: tom
5 Roll no: 20
6 marks: 500
7 Avg: 100
8
9 Student: 2
10 Name: jerry
11 Roll no: 49
12 marks: 430
13 Avg: 86
14
15 Student: 3
16 Name: mick
17 Roll no: 30
18 marks: 340
19 Avg: 68
20
21 Topper marks is: 500
22 Topper name is: tom

```



```

1 //program 3
2 924.4cm and 21.016m

```