Problem 1: Rectangle Area Calculation

Question:
Create a class `Rectangle` with two integer variables `length` and `breadth`. Implement a default constructor to set both to 1, a parameterized constructor to set custom values, and a copy constructor. Write a program to find the area of the rectangle.

Sample Input and Output:
Input: `5 10`
Output: `Area = 50`

Problem 2: Complex Number Addition

Question:
Create a class `Complex` with two integer variables `real` and `imag`. Use a default constructor to initialize them to 0, a parameterized constructor for custom values, and a copy constructor. Write a program to add two complex numbers and display the result.

Sample Input and Output:
Input:
```
Complex 1: 3 2
Complex 2: 1 7
```
Output:
```
Result: 4 + 9i
```

Problem 3: Student Marks

Question:
Create a class `Student` with variables `name` (string) and `marks` (integer). Use a default constructor to set `marks` to 0, a parameterized constructor for custom values, and a copy constructor. Write a program to display a student's name and marks.

Sample Input and Output:
Input:
```
Name: Alice, Marks: 95
```
Output:
```
Student Name: Alice, Marks: 95
```

Problem 4: Point Distance

Question:
Create a class `Point` with variables `x` and `y`. Use a default constructor to set them to 0, a parameterized constructor to set specific values, and a copy constructor. Write a program to calculate the distance between two points.

Sample Input and Output:
Input:
```
Point 1: 3 4
Point 2: 6 8
```
Output:
```
Distance: 5
```

Problem 5: Box Volume

Question:
Create a class `Box` with variables `length`, `width`, and `height`. Use a default constructor to set them to 1, a parameterized constructor for custom values, and a copy constructor. Write a program to find the volume of a box.

Sample Input and Output:
Input:
```
Length: 2, Width: 3, Height: 4
```
Output:
```
Volume: 24
```

Problem 6: Bank Account

Question:
Create a class `BankAccount` with variables `accountNumber` and `balance`. Use a default constructor to set `balance` to 0, a parameterized constructor for custom values, and a copy constructor. Write a program to display account details.

Sample Input and Output:
Input:
```
Account Number: 12345, Balance: 1000
```
Output:
```
Account Number: 12345, Balance: 1000
```

Problem 7: Employee Salary

Question:
Create a class `Employee` with variables `name` and `salary`. Use a default constructor to set `salary` to 0, a parameterized constructor for custom values, and a copy constructor. Write a program to display the employee's details.

Sample Input and Output:
Input:
```
Name: Bob, Salary: 50000
```
Output:
```
Employee Name: Bob, Salary: 50000
```

Problem 8: Temperature Conversion

Question:
Create a class `Temperature` with variables `celsius` and `fahrenheit`. Use a default constructor to set both to 0, a parameterized constructor for custom values, and a copy constructor. Write a program to convert temperature from Celsius to Fahrenheit.

Sample Input and Output:
Input:
```
Celsius: 25
```
Output:
```
Fahrenheit: 77
```

Problem 9: Time Addition

Question:
Create a class `Time` with variables `hours` and `minutes`. Use a default constructor to set both to 0, a parameterized constructor for custom values, and a copy constructor. Write a program to add two time objects and display the total time.

Sample Input and Output:
Input:
```
Time 1: 1 45
Time 2: 2 30
```
Output:
```
Total Time: 4 hours 15 minutes
```

Problem 10: Circle Area and Perimeter

Question:

Create a class `Circle` with a variable `radius`. Use a default constructor to set the radius to 1, a parameterized constructor for custom values, and a copy constructor. Write a program to calculate the area and perimeter of a circle.

Sample Input and Output:

Input:

```
Radius: 7
```

Output:

```
Area: 153.86, Perimeter: 43.96
```