

class. BSc II (CS)

Subject: Programming in java
lab

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Answer No - 1

```

Program: public class Main {
          public static void main(String [] s) {
            int row = 5;

            for (int a = 1 ; a <= row ; ++a) {
              for (int b = 1 ; b <= a ; ++b) {
                System.out.print(j + " ");
              }
              System.out.println();
            }
          }
        }

```

output:

```

1
1 2
1 2 3
1 2 3 4
1 2 3 4 5

```

Answer No - 5

program :

```
public class Main {
```

```
    int x1 = 10;
```

```
    int x2 = 20;
```

```
    Main()
```

```
    {
```

```
    }
```

```
    Main(int x1) {
```

```
        this.x1 = x1;
```

```
    }
```

```
    Main(int x1, int x2) {
```

```
        this.x1 = x1;
```

```
        this.x2 = x2;
```

```
    }
```

```
    void display() {
```

```
        System.out.println(x1);
```

```
        System.out.println(x2);
```

```
    }
```

```
}
```

```
class B
```

```
{
```

```
    public static void main (String s[])
```

```
    {
```

```
        Main ob1 = new Main();
```

```
        ob1.display();
```

```
        Main ob2 = new Main(30);
```

```
        ob2.display();
```

```
        Main ob3 = new Main(40, 50);
```

```

    obj3.display ();
}
}
}
output: 10

```

20

30

20

40

50

Answer No - 2

```

program: class Main {
    int x1 = 10;
    int x2 = 20;
    int x3 = 50;
    Main() {}
    Main(int x1) {
        this.x1 = x1;
    }
    Main(int x1, int x2) {
        this(x1);
        this.x2 = x2;
    }
    Main(int x1, int x2, int x3) {
        this(x1, x2);
        this.x3 = x3;
    }
    void decrease() {
        --x1;
    }
    void decrease2() {
        --x2;
        --x3;
    }
    void display() {

```

```

System.out.println(x1);
System.out.println(x2);
System.out.println(x3);
}
}
class B
{
    public static void main (String[] s) {
        Main ob1 = new Main();
        ob1.display();
        Main ob2 = new Main(55);
        ob2.display();
        Main ob3 = new Main(35, 90);
        ob3.display();
        Main ob5 = new Main(40, 38, 39);
        ob5.display();
    }
}

```

output:

```

10
20
30
55
20
30
35
90
30
40
38
39

```