

CHAPTER -5

Writing a program(EXERCISE)

1.BE the JVM

(i)OUTPUT -> 13 15 x=6

2.CODE MANGNET

```
class MultiFor {
public static void main(String[] args) {
for(int i = 0; i < 4; i++) {
    for(int j = 4; j > 2; j--) {
        System.out.println(i + " " + j);
    }
    if(i == 1) {
        i++;
    }
}
}
}
```

3.JAVA CROSS

****Across****

1. Fancy computer word for build -
4. Multipart loop - **For loop**
6. Test first
7. 32 bits - **int**
10. Method's answer - **return**
11. Prep code-esque - **Pseudocode**
13. Change -
15. The big toolkit
17. An array unit
18. Instance or local - **variable**
20. Automatic toolkit -
22. Looks like a primitive, but...
25. Un-castable - **boolean**
26. Math method - **random**
28. Iterate over me -
29. Leave early - **break**

****Down****

2. Increment type - **post/pre**
3. Class's workhorse - **method**
5. Pre is a type of _____ - **operator**

6. For's iteration _____
7. Establish first value - **initialise**
8. While or For - **loop**
9. Update an instance variable
12. Toward blastoff
14. A cycle - iteration
16. Talkative package
19. Method messenger (abbrev.) - **argument**
21. As if
23. Add after - **pos**
24. Pi house - **math**
26. Compile it and ____ - **Run**
27. ++ quantity – **one**

4.MIXED MESSAGES

- $x = x + 3$; -> **54 6**
- $x = x + 6$; -> **60 10**
- $x = x + 2$; -> **45 6**
- $x++$; -> **36 6**
- $x--$; -> **18 6**
- $x = x + 0$; -> **6 14**