

1. Write a program which takes in 10 values and creates another array which has cubes of the values (or factorial) and prints it.

```
package arrays;
import java.util.Scanner;
public class factorialvalue {
    void cube() {
        int values[] = new int[10];
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the values");
        int num = sc.nextInt();
        int j = 1;
        for (int i = 1; i <= num; i++) {
            j *= i;
            System.out.print(" " + j);
        }
    }

    public static void main(String[] args) {
        factorialvalue f = new factorialvalue();
        f.cube();
    }
}
```

output :  
Enter the values  
10  
1 2 6 24 120 720 5040 40320 362880 3628800