

```

public static void fffff(int n) {
    System.out.println("Base: " + n);
}

public static void fffff(int n) {
    System.out.println("Hi: " + n);
    fffff(n - 1);
    System.out.println("Bye: " + n);
}

public static void ffff(int n) {
    System.out.println("Hi: " + n);
    fffff(n - 1);
    System.out.println("Bye: " + n);
}

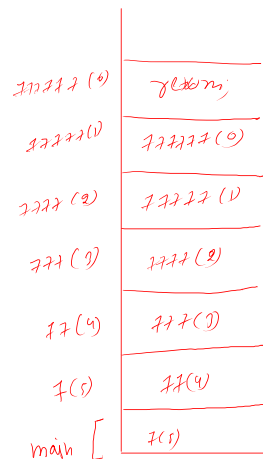
public static void fff(int n) {
    System.out.println("Hi: " + n);
    ffff(n - 1);
    System.out.println("Bye: " + n);
}

public static void f(int n) {
    System.out.println("Hi: " + n);
    fff(n - 1);
    System.out.println("Bye: " + n);
}

public static void f(int n) {
    System.out.println("Hi: " + n);
    fff(n - 1);
    System.out.println("Bye: " + n);
}

```

Hi: 5  
 Hi: 4  
 Hi: 3  
 Hi: 2  
 Hi: 1  
 Bye: 0  
 Bye: 1  
 Bye: 2  
 Bye: 3  
 Bye: 4  
 Bye: 5



```

public static void printHiByePattern(int n) {
    if (n == 0) {
        System.out.println("Base: " + n);
        return;
    }

    System.out.println("Hi: " + n);
    printHiByePattern(n - 1);
    System.out.println("Bye: " + n);
}

```

Hi: 5  
 Hi: 4  
 Hi: 3  
 Hi: 2  
 Hi: 1  
 Bye: 0  
 Bye: 1  
 Bye: 2  
 Bye: 3  
 Bye: 4  
 Bye: 5

