Type: FMB  
1. Specify the output of the following code segment.  
  
int[] collection = {0, 1, 2, 3, 4, 5, 6, 7, 8, 9};  
int position = 5;  
System.out.print(collection[position - 1] + "-");  
System.out.print(collection[position] + "-");  
System.out.print(collection[position + 1]);  
  
Note that if there is no output, please specify "nothing" (no quotes) in the blank for the output.  
[4-5-6]  
  
Type: FMB  
2. Specify the array's content after the following code segment is executed.  
int[] group = new int[6];  
for (int index = 0; index <= group.length; index++)  
{  
 group[index] = 6;  
}  
group[0]: [6]
group[1]: [6]
group[2]: [6]
group[3]: [6]
group[4]: [6]
group[5]: [6]  
  
Type: FMB  
3. Specify the output of the program after the main method is executed.  
  
public static void f(int[] matrix, int depth, int height)  
{  
 matrix[depth] = height;  
 matrix[height] = depth;  
}  
  
public static void main(String[] args)  
{  
 int[] inventory = {4, 2, 4, 8, 7, 7};  
 int r = 1;  
 f(inventory, 1, r);  
 for (int index = 0; index < inventory.length; index ++)  
 {  
 System.out.print(inventory[index] + "-");  
 }  
}  
Output of the program: [4-1-4-8-7-7-]