

16. Fill in the blanks to make the program work and produce the given output.

```
public static void main(String str[ ]) {
    int A[ ] = { 6, 5, 7, 6, 5, 3, 2};
    int B[ ] = { 3, 5, 2, 1, 0, 6, 4};
    int sum[ ] = new int[A.length];
    for (int i = 0; i < A.length; i++) {

        ..... // Sum the corresponding elements of A and B

        ..... // Output rows of partial sums
    }
}
```

Output :

```
6 + 3 = 9
5 + 5 = 10
7 + 2 = 9
6 + 1 = 7
5 + 0 = 5
3 + 6 = 9
2 + 4 = 6
```

17. Fill in the blanks to make the program work and produce the given output.

```
public static void main(String str[ ]) {
    char choice[ ] = {'A', 'I', 'B', 'O'};
    int i = 0;
    do {
        ..... // Output each choice

        ..... { // Use switch statement
            case 'A': System.out.println("Advanced Level"); break;
            case 'B': System.out.println("beginners Level"); break;
            case 'I': System.out.println("Intermediate Level"); break;
            case 'O': System.out.println("Other Level"); break;
        } // end switch
        i++;

    } ..... // Condition for repeating loop
} // end main
```

Output:

```
A -> Advanced Level
I -> Intermediate Level
B -> beginners Level
O -> Other Level
```