1. Write a pseudocode function to check whether the sequence of numbers 1, 2 appears in a given array/list of integers somewhere. The function should return True if 1, 2 appears, and False if it doesn't.
2. Write a flowchart that prints a multiplication table for numbers up to 10.
3. What is the time complexity of following code:

```
a = 0;
for (i = 0; i < N; i++) {
    for (j = N; j > i; j--) {
        a = a + i + j;
    }
}
```

4. Write a recursive function that computes the sum of all numbers from 1 to n, where n is given as parameter.

```
def sum(n):
    ...
    ...
```

5. Given a recursive function below

```
def myRec(n):
    if n == 1:
        return 2
    else return myRec(n-1) - myRec(n-2)
```

What is the result if n = 6 is given to the function?