Q1. What is the return type of sumAll()?

The return type of sumAll is long. Public static long

Q2. What relation must be true between length of arr and max for this method to work correctly?

Max is the max length that array contains and arr is the array that contain certain numbers.

Q3. What is the return type of squareSum() methods?

The return type of squareSum is long just like sumAll.

Q4. What is the use of init(arr) call before squareSum(arr,5)?

The use of init (arr) call before squareSum is init needs to initialize all the entries of the array to 0.

Q5. What is the return type of fib () methods?

The return type of fib () methods is long as sumAll.

Q6. Why does Fibonacci output starts at 2?

Because before 2, the number is same at 1 but after 2, the numbers start to increase.

Q7. What is the return type of factorial () methods?

The return type of factorial () methods is long just like sumAll.

Q8. Why does factorial output start at 2?

Just like Fibonacci, the number starts to increase at 2.

Q9. Why is long [] arr=new long [MAXSIZE]; declared as array of long?

It declared as array of long because every array methods use long as return type.

Q10. Change MAXSIZE to 10, does everything still work? If not, how can you fix it?

It is not working as MAXSIZE to 10 because the print value is bigger than 10 and also The index is greater than size of array.