**Overhead at runtime (Jitting)**

**What is done to reduce overhead at runtime (jitting)?**

These are used to reduce overhead at runtime (JIT compilation):

1. **JIT Compiler (64 Bit)**: The use of a 64-bit JIT compiler helps make the process very fast, reducing overhead.
2. **Jitting Happens Per Function Call**: JIT compilation occurs for each function call, ensuring that code is optimized dynamically as it is needed.
3. **Jitting for the First Call Only**: The JIT compiler optimizes code only on its first call, which avoids repetitive overhead and reduces unnecessary processing if the program runs for a longer duration.

This approach minimizes runtime overhead by focusing on optimizing frequently used functions while maintaining efficient execution.