

Preprocessor



Find out the output of the following Programs

| SLNO | QUESTIONS |
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| 1 | What are the different preprocessor directives in C |
| | These are the following preprocessor directives used in C, such #if,#else,#endif,#elif,#define, #undef |
| 2 | Which of the following produced the object file a) Preprocessor b) Compiler c) Assembler d) Linker |
| | c. Assembler |
| 3 | What is macro? |
| | Macro is symbolic name of longer construct. |
| 4 | What is the difference between macro call and function call |
| | Macro call is process before compilation , but function is process during run time of the program. |
| 5 | What is the difference between writing header file using “” and <> |
| | If the file is included using < > such as <stdio.h>, the preprocessor searches the include file from the standard include path, but if the file is included using “ ” such as “stdio.h”, the preprocessor searches the include file from standard include path and current working directory |
| 6 | What is the difference between startup and exit pragma |
| | Any function is included in startup pragma, that is executed first before control goes inside main function, but any function is included in exit pragma, that is executed once control leaves the scope of the main function. |
| 7 | What is the use of C preprocessor? |
| | The Preprocessor (CPP) process some parts of the C program before the compilation. |