

IBM C questions 1999

The IBM technical question paper consisted of three sections, the first was a compulsory C-Section consisting of 20 questions, the other two were on Windows internals and UNIX (15 questions each), the candidates were to solve any one of the last two sections.

The C-Section had the following text before it:

Assume the following programs are written in ANSI C, where,
Size of Char = 1 byte.

Size of Int = 4 bytes.

Size of Double = 8 bytes.

Size of Long Double = 10 Bytes.

Do not make any assumptions about the underlying platform

1. What is the output of the following program:

```
# define MACRO(X) (X)*(X)
```

```
void main()
```

```
{  
printf("%d",4/MACRO(2));  
}
```

IBM Objective questions 1999

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The following questions are from the UNIX section

1. What will be the output of the following

```
$ sort employee > list 2> error.
```

2. What is a Zombie process?

3. Which of the following is used to convert a binary executable to a process:

(a) execl()

(b) execv()

(c) execpv()

(d) execve()

All of the above.

