SECOND EDITION

THE

C

ANSI
C

PROGRAMMING
LANGUAGE

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PRENTICE HALL SOFTWARE SERIES

One World:One Language. C Unites Workers

```
#include<stdio.h>
char a[] = "\";\nmain() {char *b = a; printf(\"#include<stdio.h>\\nchar a[] = \\\"\"); for
(;*b;b++) {switch(*b){case '\\n': printf(\"\\\\n\"); break;\ncase '\\\\': case '\\\"':
putchar('\\\\'); default: putchar(*b);}} printf(a);}\n";
main() {char *b = a; printf("#include<stdio.h>\nchar a[] = \""); for (;*b;b++) {switch(*b)
{case '\n': printf("\\n"); break; case '\\': case '\"': putchar('\\'); default: putchar(*b);}}
printf(a);}
```

Strength Through Pointer Arithmetic