INPUT FILE

```
[alishazin@localhost 6g]$ cat sample.c
int main() {
        int a = 10;
        int b = 20;
        printf("Sum: %s", a+b);

        return 0;
}
```

OUTPUT

```
[alishazin@localhost 6g]$ ./6g < sample.c
Starting lexical analysis...
Identifier: int
Identifier: main
Punctuation: (
Punctuation: )
Punctuation: {
Identifier: int
Keyword: a
Operator: =
Number: 10
Punctuation: ;
Identifier: int
Identifier: b
Operator: =
Number: 20
Punctuation: ;
Identifier: printf
Punctuation: (
String literal: "Sum: %s"
Punctuation: ,
Keyword: a
Operator: +
Identifier: b
Punctuation: )
Punctuation: ;
Identifier: return
Number: 0
Punctuation: ;
Punctuation: }
Lexical analysis complete.
Total Lines Analyzed: 7
```

RESULT