Compiler
Assignment 5
Top-Down Parsing

403410033 資工三 曾俊宏

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1   Question 1

a) First sets and follow sets

- First set:

- Follow set:

b) Procedures of recursive-decent parser

- A:

```
1   ^^I^^I^^Iint main() {
2   ^^I^^I^^I^^Iprintf("hello, world");
3   ^^I^^I^^I^^Ireturn 0;
4   ^^I^^I^^I}
```

- B:

- C:

- D:

c) Parsing table of table-driven predictive parser

	A	B	C	D
a				
b				
c				
d				
e				
$				