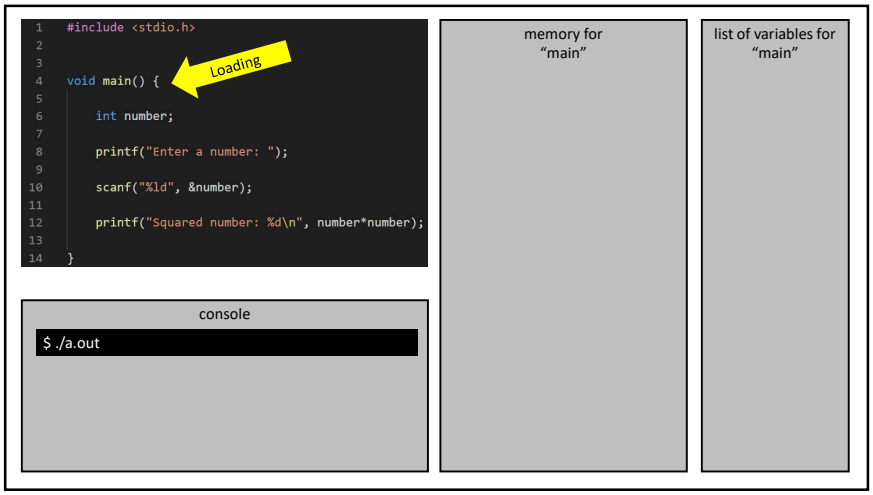
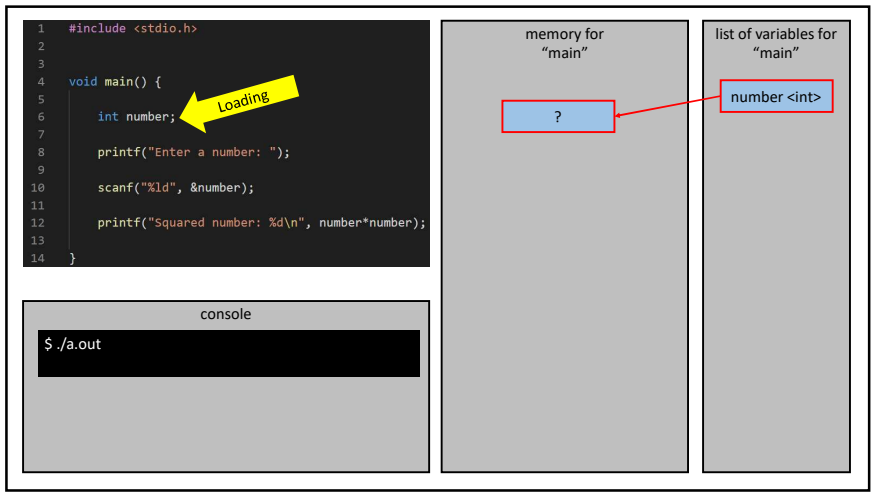
```c
#include <stdio.h>


void main() {

    int number;

    printf("Enter a number: ");

    scanf("%ld", &number);

    printf("Squared number: %d\n", number*number);

}
```

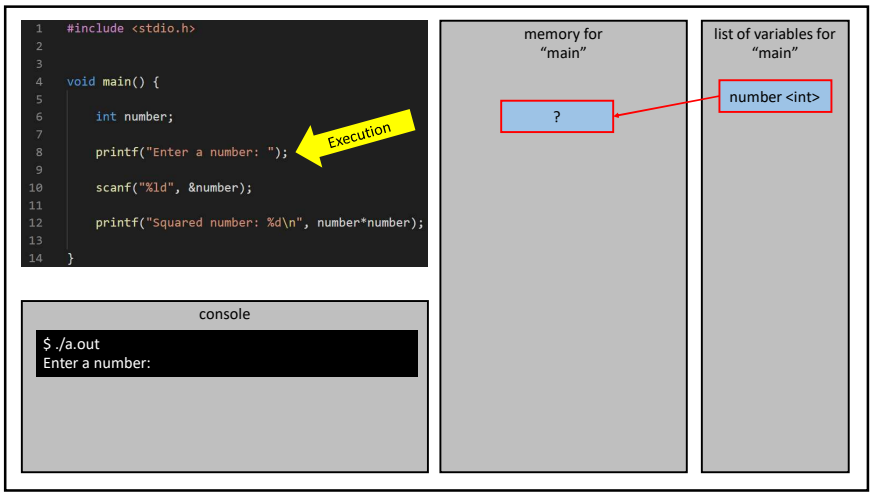
1



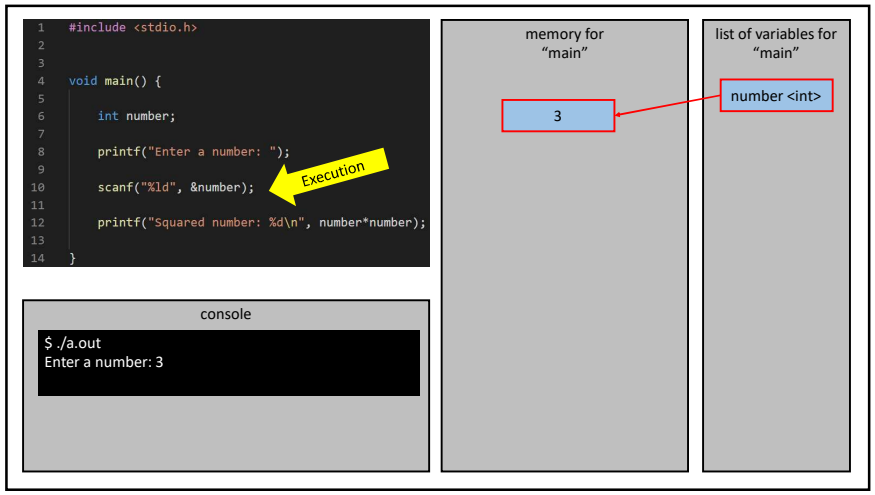
2



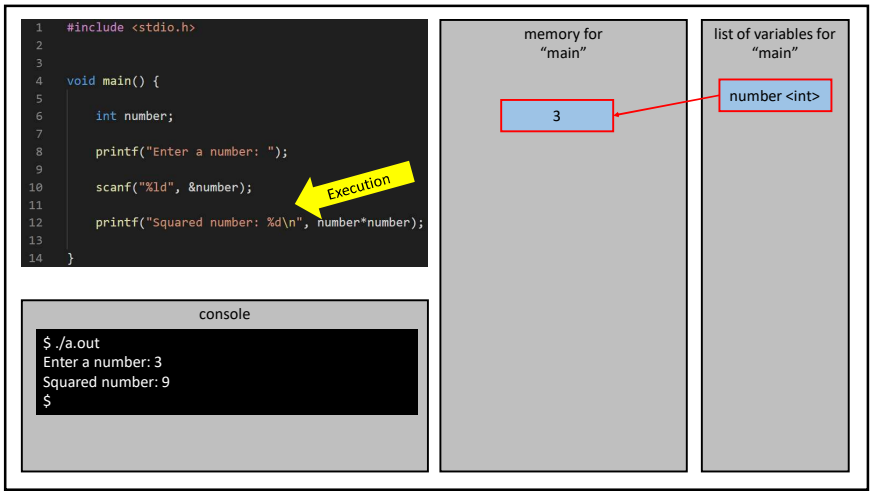
3



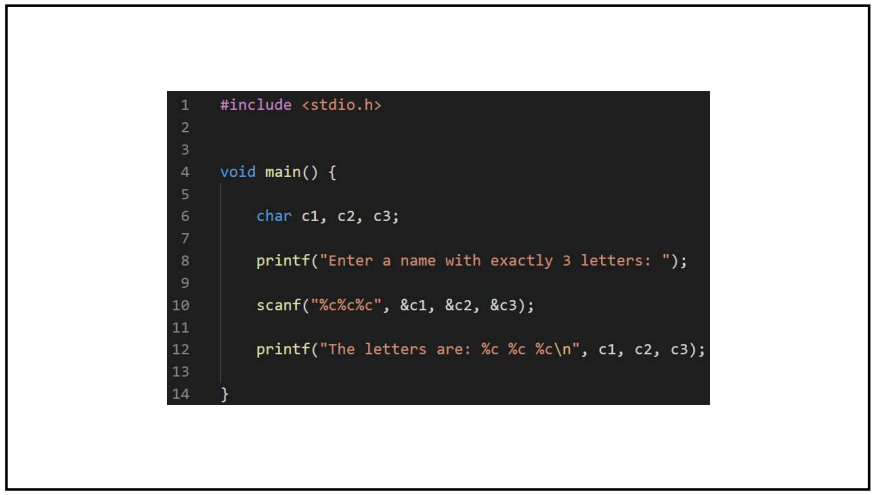
4


#include <stdio.h>
void main() {
int number;
printf("Enter a number: ");
scanf("%ld", &number);
printf("Squared number: %d\n", number*number);
}
Execution
memory for "main"
3
list of variables for "main"
number <int>
console
$ ./a.out
Enter a number: 3

5


#include <stdio.h>
void main() {
int number;
printf("Enter a number: ");
scanf("%ld", &number);
printf("Squared number: %d\n", number*number);
}
Execution
memory for "main"
3
list of variables for "main"
number <int>
console
$ ./a.out
Enter a number: 3
Squared number: 9
$

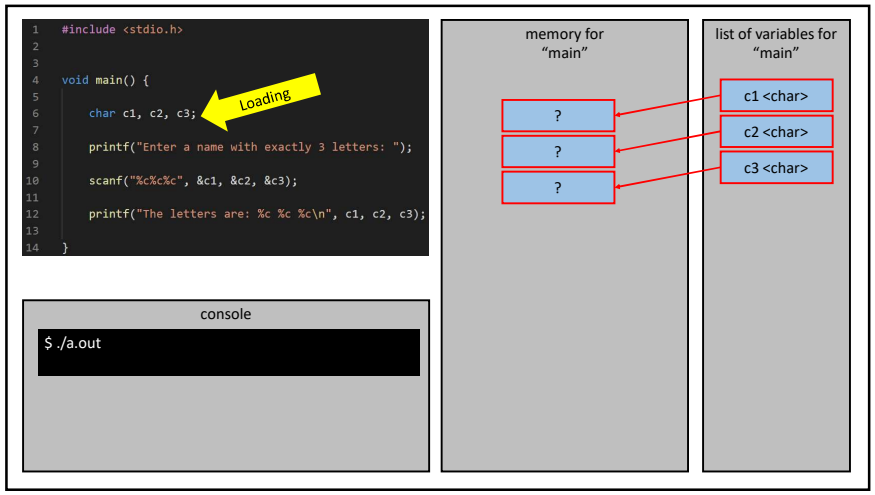
6


#include <stdio.h>
void main() {
char c1, c2, c3;
printf("Enter a name with exactly 3 letters: ");
scanf("%c%c%c", &c1, &c2, &c3);
printf("The letters are: %c %c %c\n", c1, c2, c3);
}

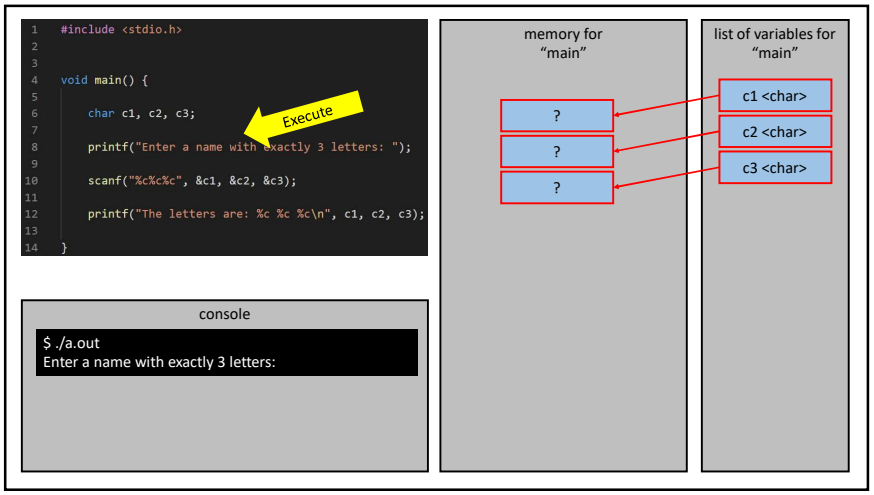
7

#include <stdio.h>
void main() {
char c1, c2, c3;
printf("Enter a name with exactly 3 letters: ");
scanf("%c%c%c", &c1, &c2, &c3);
printf("The letters are: %c %c %c\n", c1, c2, c3);
}
Loading
memory for "main"
list of variables for "main"
console
$ ./a.out

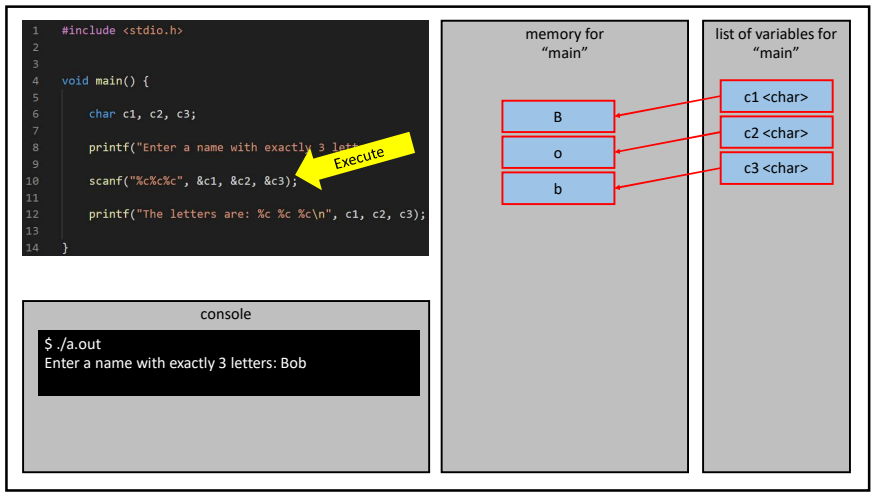
8


#include <stdio.h>
void main() {
char c1, c2, c3;
Loading
printf("Enter a name with exactly 3 letters: ");
scanf("%c%c%c", &c1, &c2, &c3);
printf("The letters are: %c %c %c\n", c1, c2, c3);
}
console
$ ./a.out
memory for "main"
?
?
?
list of variables for "main"
c1 <char>
c2 <char>
c3 <char>

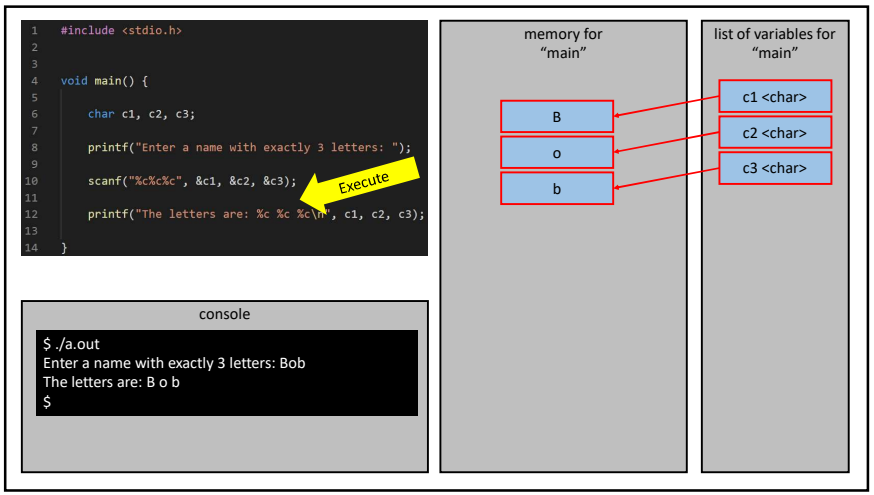
9


#include <stdio.h>
void main() {
char c1, c2, c3;
Execute
printf("Enter a name with exactly 3 letters: ");
scanf("%c%c%c", &c1, &c2, &c3);
printf("The letters are: %c %c %c\n", c1, c2, c3);
}
console
$ ./a.out
Enter a name with exactly 3 letters:
memory for "main"
?
?
?
list of variables for "main"
c1 <char>
c2 <char>
c3 <char>

10


#include <stdio.h>
void main() {
char c1, c2, c3;
printf("Enter a name with exactly 3 lett
Execute
scanf("%c%c%c", &c1, &c2, &c3);
printf("The letters are: %c %c %c\n", c1, c2, c3);
}
console
$ ./a.out
Enter a name with exactly 3 letters: Bob
memory for "main"
B
o
b
list of variables for "main"
c1 <char>
c2 <char>
c3 <char>

11


#include <stdio.h>
void main() {
char c1, c2, c3;
printf("Enter a name with exactly 3 letters: ");
scanf("%c%c%c", &c1, &c2, &c3);
Execute
printf("The letters are: %c %c %c\n", c1, c2, c3);
}
console
$ ./a.out
Enter a name with exactly 3 letters: Bob
The letters are: B o b
$
memory for "main"
B
o
b
list of variables for "main"
c1 <char>
c2 <char>
c3 <char>

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