Function calls and system calls

Question 1: Consider the example program below. Suppose you are going to implement this function in pseudo-assembly. What needs to happen?

```c
#include <stdio.h>

int pinkbunny(int x, int y) {
    int i = 10;
    return x + y + i;
}

int main() {
    int r = 2;
    int q = 3;
    int result = pinkbunny(r, q);
    printf("result is %d\n", result);
    return 0;
}

#setup

jmp pinkbunny
# code for pinkbunny (don't write this!)

#return
```