E/19/251  
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int function1();

int function2();

int main(void){

    function1();

    printf("function2 gives %d \n", function2());

    return 0;

}

int function1(){

    return 20;

}

int function2(){

}

What is the most likely output you would see when this code is executed?

1. function2 gives 0
2. function2 gives N/A
3. The code wont compile. We will see an error
4. The code will compile, but the program will crash

#include <stdio.h>

int addFive(int);

int main(void){

    int sigma = 10;

    int delta = addFive(sigma);

    printf("Sigma is %d and Delta is %d \n", sigma, delta);

    return 0;

}

int addFive(int x){

    return x+5;

}

What is the output of the above code?

1. Sigma is 15 and Delta is 15
2. Sigma is 10 and Delta is 15
3. Sigma is 10 and Delta is 10
4. This code won’t compile since the function addFive is trying to modify a variable out of its scope