

```
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?

- a) function2 gives 0
- b) function2 gives N/A
- c) The code wont compile. We will see an error
- d) 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?

- a) Sigma is 15 and Delta is 15
- b) Sigma is 10 and Delta is 15
- c) Sigma is 10 and Delta is 10
- d) This code won't compile since the function addFive is trying to modify a variable out of its scope