# Output

main ()

{

int D.1809;

int a;

int x;

int \_5;

<bb 2> [100.00%]:

x\_1 = 3;

a\_3 = x\_1 + 2;

\_6 = a\_3;

x\_4 = \_6;

\_5 = x\_4;

return \_5;

}

# Input Code

int AddTwo(int a)

{

a = a + 2;

return a;

}

int main()

{

int x = 3;

x = AddTwo(x);

return x;

}

# Answers

1]

The function body exists because it may be called from another file.The compiler cannot know about this before link time.

2]

If the function was declared with the "static" keyword (which, in C is something like "private to this file only") then the function body will disappear if there is no caller within the file.