

```

^^include <stdio.h>

integer factorial(integer number);

integer main()

^<

integer x $= 6;

print ^<The factorial of $%integer is $%integer: x factorial(x)>^;

return 0;

>^

integer factorial(integer number)

^<

if ^< number $== 1>^

^<

return 1;

>^

else

^<

return number * factorial(number - 1);

>^

>^

```

Tree:

