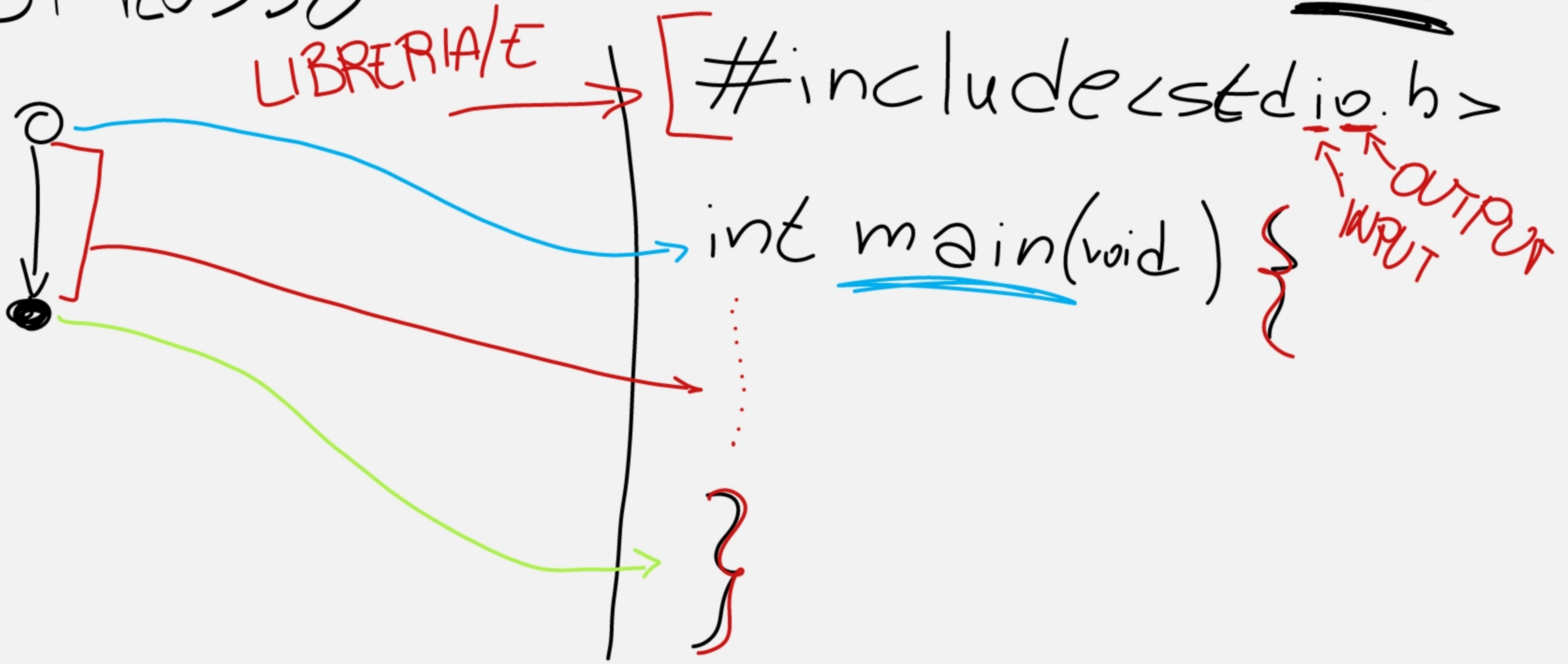
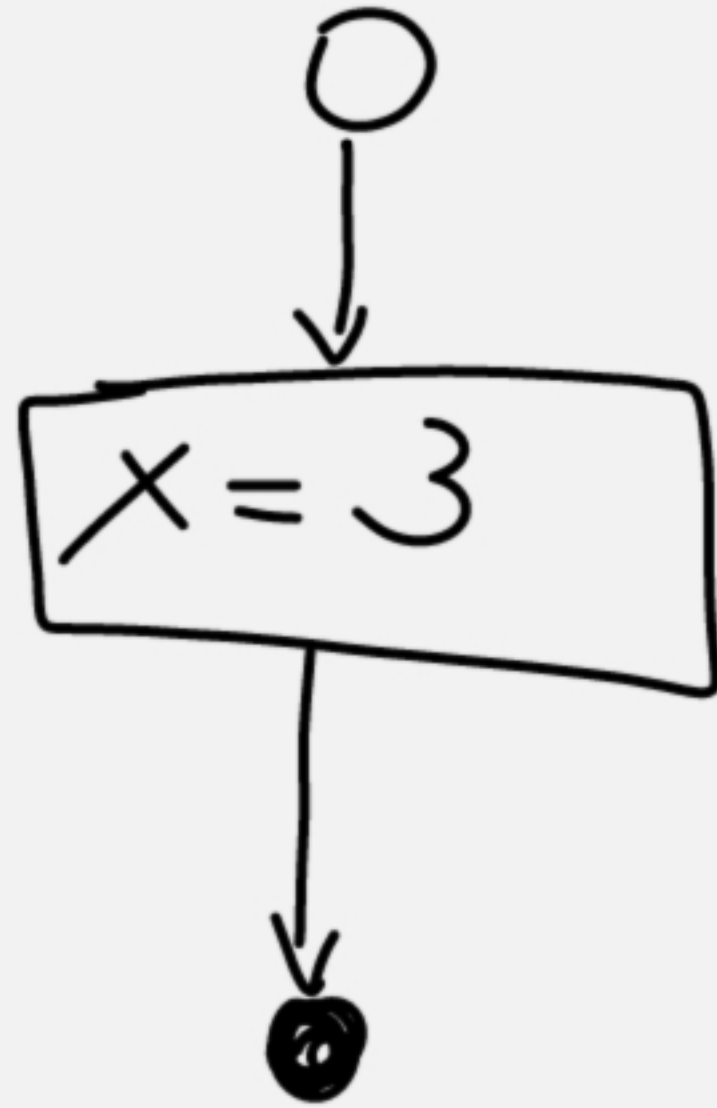


DIAGRAMMA
DI FLUSSO

→ LINGUAGGIO C



STEP 1



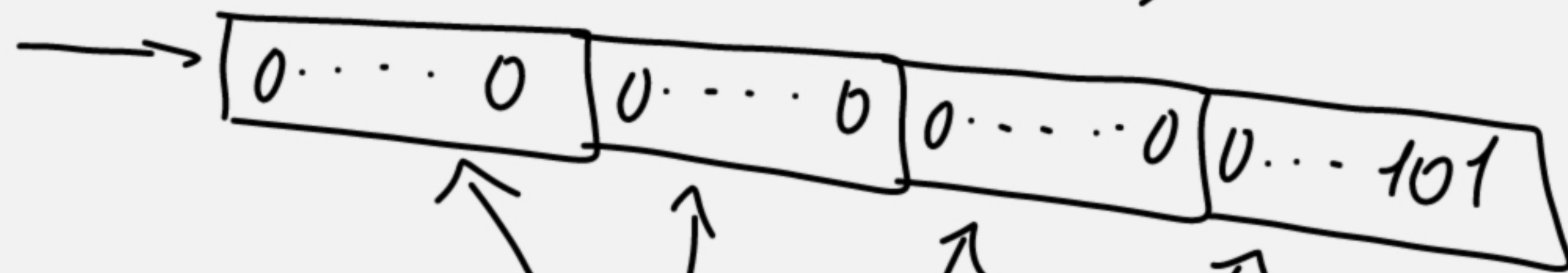
```
#include <stdio.h>
int main(void){
```

NOME VAR
int x = 3 ;
↑
TIPO DI VARIABLE
↑
ASSEGNAIMENTO
FINE RIGA/ISTRUZ. DI CODICE

TIPDI VARIABILI

• `int` → INTERO (\mathbb{Z}) \Rightarrow 4 BYTE
(32 bit)

ES $5_{10} \rightarrow 101_2$



NUM. POSSIBILI = $\{-2^{147000000}, +2^{147000000}\}$

`[int x = 5;]`

• Float $\rightarrow \mathbb{Q} \Rightarrow 4 \text{ Byte}$
(32 bit)

$$\underline{ts} : \frac{3}{2}, \frac{1}{2}, \frac{17}{27}, \dots$$

N.B. Float $\rightarrow 3, \underbrace{123456}$

float x = 5.242;

• char → CARATTERE ⇒ 1 Byte
(8 bit)

(TABELLA ASCII)

ES 'A'

→ 65 DELLA
TABELLA
ASCII

→

0	1	0	0	0	0	0	1
---	---	---	---	---	---	---	---

char x = 'A';

65
32
16
8
4
2
1
R
00000001
↑