



PASS BY VALUE

Most common and easiest to understand

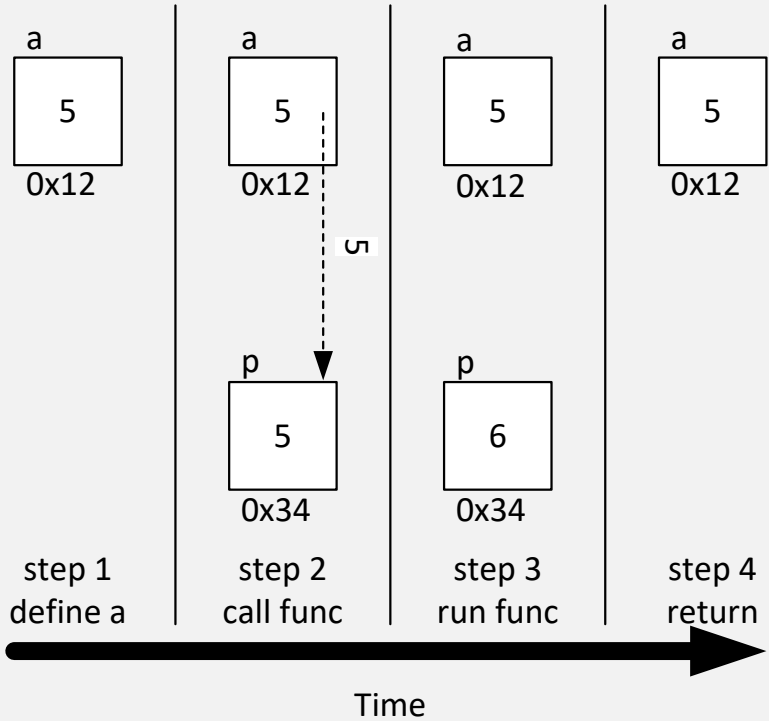


SIMPLE DATA

C++

```
void func(int p);  
  
int main()  
{  
    int a = 5;    // step 1  
  
    func(a);     // step 2  
}  
  
void func(int p)  
{  
    p = p + 1;   // step 3  
}               // step 4
```

MEMORY



STRUCTURED DATA

```
struct part
{  char   type;
   int id;
};

void func(part p);

int main()
{
    part a = { 'd', 10 };
    func(a);
}

void func(part p)
{
    p.id = 1000;
}
```

