C ⊆

② `printf("Hello");`

C++ (C₁₁)

② `cout <<` → Insertion OP or Inserter

`cout << "Hello";`

C ⊆

②

```
int    a = 10;

printf(".%d", a);
            └──> 10
char b = 'x';
printf(".%c", b);
            └──> x
float c = 1.7;
printf(".%f", c);
            └──> 1.700000
```

C++ (C₁₁)

③

```
int    a = 10;
cout << a;
       └──> 10
char  b = 'x';
cout << b;
       └──> x
float  c = 1.7;
cout << c;
       └──> 1.7
```

④ C

```c
long double a = 10;

printf("%.Lf", a);
```

④ C11

```cpp
long double a = 10;

cout << a;
```

⑤ C

```c
int a = 10;

printf("Value of a is %.d", a);
```

```c
printf("Value is %.d of a", a);
```

⑤ C11

```cpp
int a = 10;

cout << "Value of a is " << a;
```

```cpp
cout << "Value is " << a << " of a";
```

⑥ C

```
int a = 10;
char b = 'x';
float c = 1.7;
printf(".../.d ./.c ./j", a, b, c);
```

⑥ C11

```
int a = 10;
char b = 'x';
float c = 1.7;
cout << a << b << c;
```

⑦

```
int a = 10;
char b = 'x';
float c = 1.5;
```

| cout << a << b << c;

10 x 1.5

10 x 1.5

cout << a   << b   << c;

cout << a <<"   "<< b <<"   "<< c;

Cascading

int n;

n = 10 + 20 + 30;

⊆

⑧ int a;

scanf(" ./.d", &a);

C++

⑧

cin (>>) → Extraction op
c†
Extractor

int a;

cin >> a;

C⊆

char ch = 'A';

printf(" ./d", ch);
(65)

C11

char ch = 'A';

cout << (int)ch;
65

cout << ch;
└ > A

int a;
a = 1.9;

int x;
x = 10 * 1.0;

Next Class - 21 Jan at 7PM

Mode - Online