

C

⑨

```
int a;
char b;
float c;

scanf("%d", &a);
fflush(stdin);
scanf("%c", &b);
scanf("%f", &c);
OR
scanf("%d %c %f", &a, &b, &c);
```

C++

⑨

```
int a;
char b;
float c;

cin >> a;
cin >> b;
cin >> c;
OR
cin >> a >> b >> c;
```

C

⑩

```
int a = 10;
int b = 4;
float c;

c = a / b;
printf("%f", c);
2.000000
c = (float) a / b; ✓
printf("%f", c);
2.500000
```

C++

⑩

```
int a = 10;
int b = 4;
float c;

c = a / b;
cout << c;
c = (float) a / b;
c = float(a) / b;
cout << c;
2.5
```

C-style
Type casting

C++ style
Type casting

<u>C</u>	VLS	<u>C++</u>
<p>①</p> <pre>printf("Good In Morning");</pre> <p><u>o/p</u> Good Morning</p> <p>escape seq</p>	<p>①</p> <pre>cout << "Good In Morning";</pre> <p>OR</p> <pre>cout << "Good" << endl << "Morning";</pre> <p><u>o/p</u> Good Morning</p> <p>manipulator</p>	

<u>C</u>	VLS	<u>C++</u>
<p>②</p> <pre>float x = 1.5;</pre> <pre>printf("%.1f", x);</pre> <p>1.500000</p> <pre>printf("%.2f", x);</pre> <p>1.50</p> <pre>printf("%.4f", x);</pre> <p>1.5000</p>	<p>②</p> <pre>float x = 1.5;</pre> <pre>cout << x;</pre> <p>1.5</p> <p>By default C++ does not show precision 9 6</p> <pre>cout << fixed << x;</pre> <p>1.500000</p> <p>Member Function</p> <pre>cout.precision(2);</pre> <pre>cout << fixed << x;</pre> <p>1.50</p>	

C

(13)

```

void main()
{
    //
}
OR
int main()
{
    //
    return 0;
}

```

VLS

(13)

C++

```

int main()
{
    //
    return 0;
}

```

C

(14)

```

int main()
{
    int i;

    for(i=1; i<=10; i++)
    {
        printf("%d", i);
    }

    return 0;
}

```

C++

(14)

```

int main()
{
    int i;
    for(i=1; i<=10; i++)
    {
        cout<<i<<endl;
    }
    OR
    for(int i=1; i<=10; i++)
    {
        cout<<i<<endl;
    }

    return 0;
}

```

C

```
#include <stdio.h>

int main()
{
    printf("Hello");
    return 0;
}
```

C++

```
#include <iostream.h>

int main()
{
    cout << "Hello";
    return 0;
}
```

Will only compile & run in TC

```
#include <iostream>
using namespace std;

int main()
{
    cout << "Hello";
    return 0;
}
```

Will compile & run in every compiler except TC

Your next class is on tomorrow at 4pm.