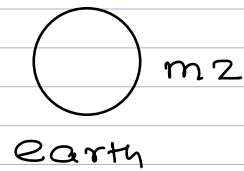


Sun



$$F = G \frac{m_1 \times m_2}{r^2}$$

$$\left(6.67 \times 10^{-11} \right) \frac{m_1 \times m_2}{r^2} \approx$$

$$\left(\frac{Kg}{m} \right) \quad (N)$$

Theory LEVEL: USER DEFINED DATA TYPE

INSTANCE

C

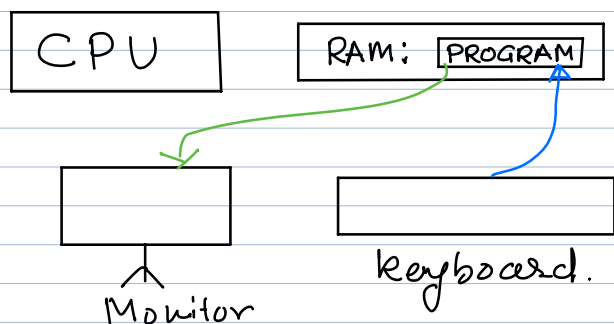
struct

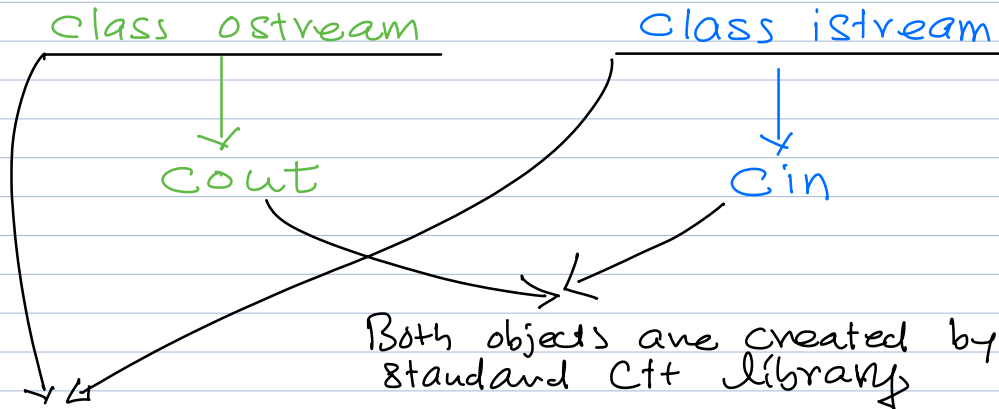
instance

C++

class

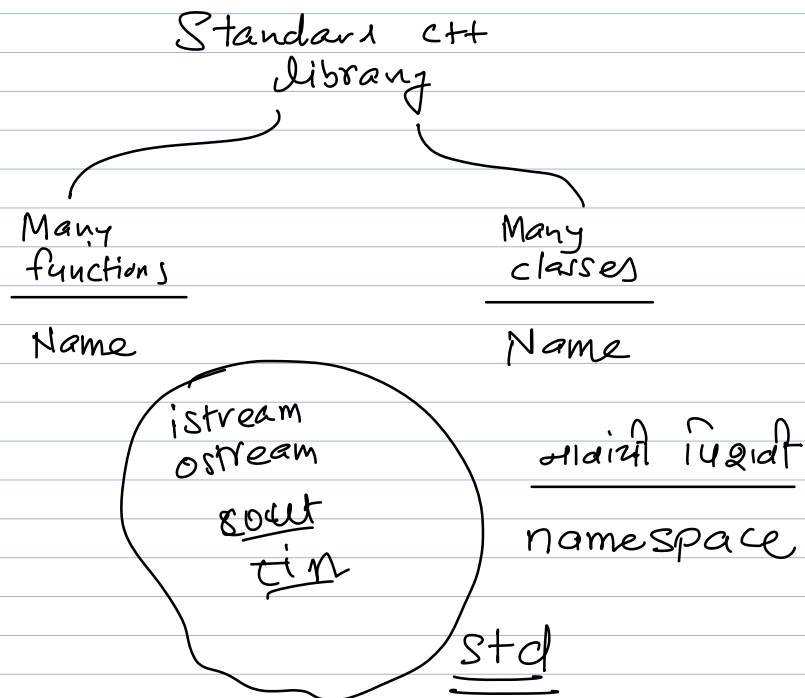
object



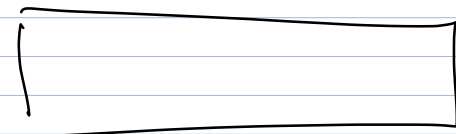


Both implemented by standard C++ library

function \longrightarrow algorithm rule aur
 class \longrightarrow type rule aur.



#include <iostream>



```
int main (void)
```

```
{ using std::cout;  
  using std::cin;
```

```
}
```