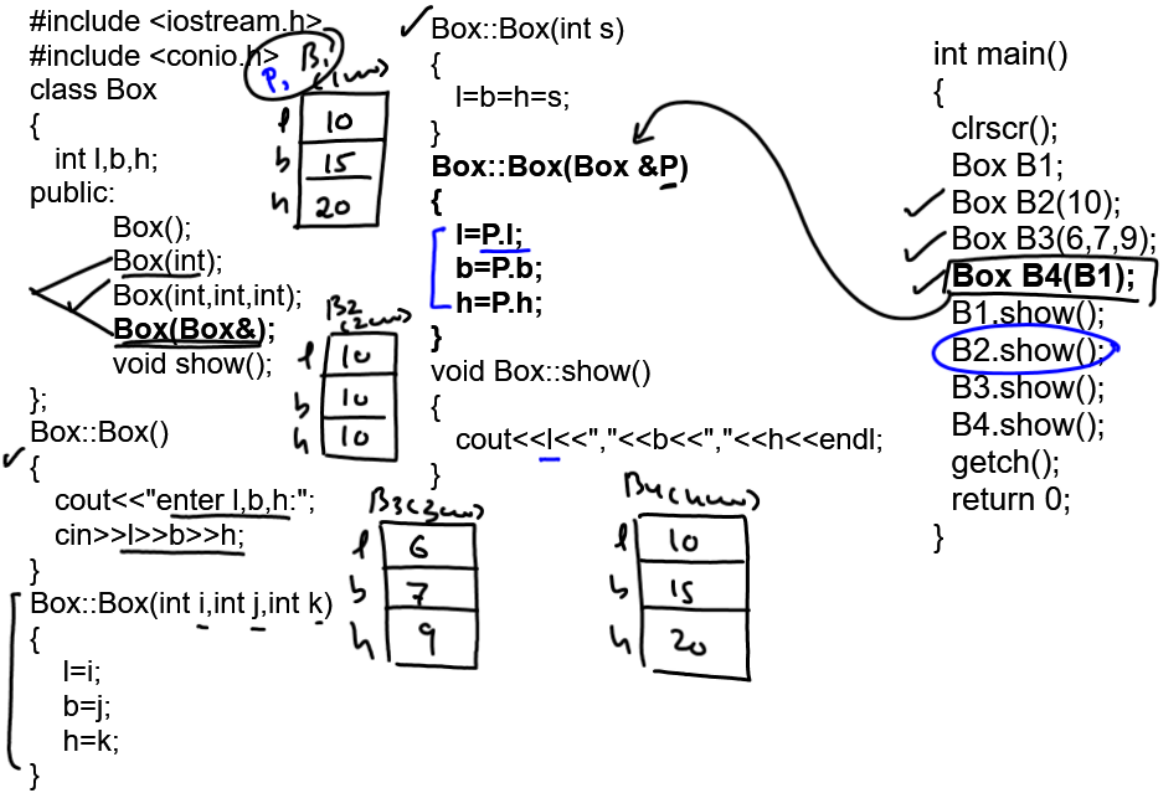
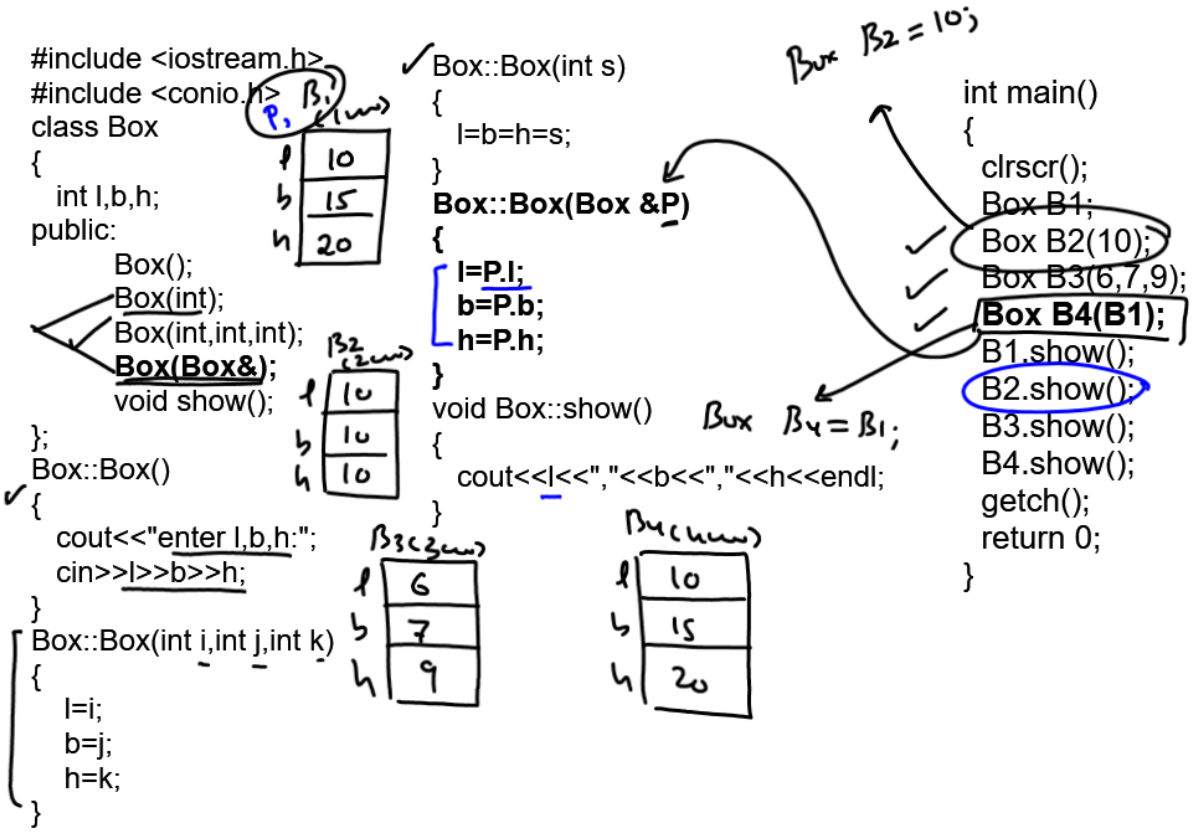


```
#include <iostream.h>
#include <conio.h>
class Box
{
   int l,b,h;
public:
        Box();
        Box(int);
        Box(int,int,int);
        Box(Box&);
        void show();
};
Box::Box()
{
   cout<<"enter l,b,h:";
   cin>>l>>b>>h;
}
Box::Box(int i,int j,int k)
{
    l=i;
    b=j;
    h=k;
}
Box::Box(int s)
{
   l=b=h=s;
}
Box::Box(Box &P)
{
   l=P.l;
   b=P.b;
   h=P.h;
}
void Box::show()
{
   cout<<l<<","<<b<<","<<h<<endl;
}
int main()
{
   clrscr();
   Box B1;
   Box B2(10);
   Box B3(6,7,9);
   Box B4(B1);
   B1.show();
   B2.show();
   B3.show();
   B4.show();
   getch();
   return 0;
}
```

```
Box::Box(Box &P)
{
   l=P.l;
   b=P.b;
   h=P.h;
}
```

```
int main()
{
  clrscr();
  Box B1;
  Box B2(10);
  Box B3(6,7,9);
  Box B4(B1);
  Box B5(B3);
  B1.show();
  B2.show();
  B3.show();
  B4.show();
  getch();
  return 0;
}
```



Box B2 (10);

OR

Box B2 = 10;

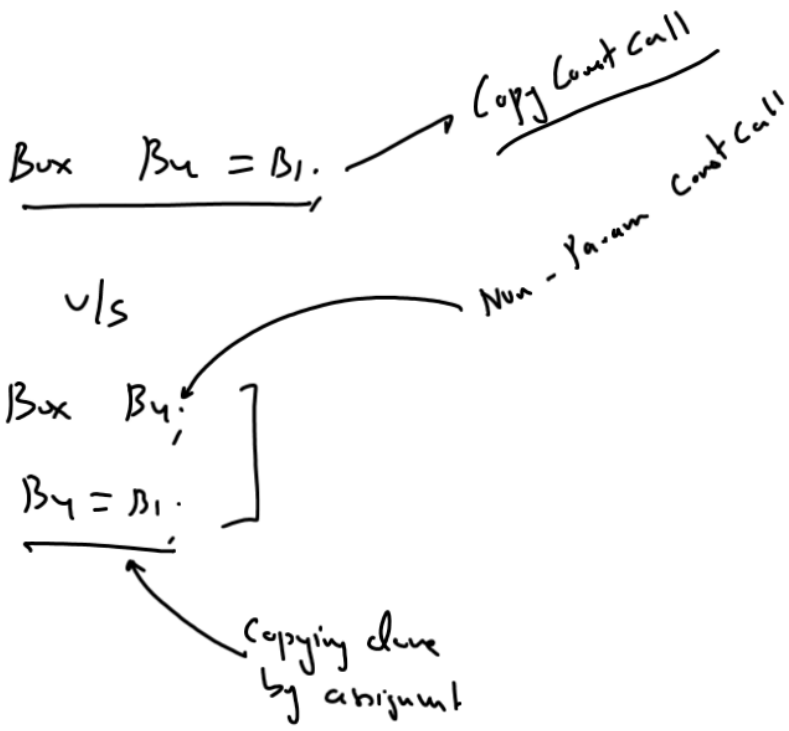
Same

Box B4 (B1);

OR

Box B4 = B1;

Same




```
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   int l,b,h;
public:
        Box();
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        Box(int,int,int);
        Box(Box&);
        void show();
};
Box::Box()
{
   cout<<"enter l,b,h:";
   cin>>l>>b>>h;
}
Box::Box(int i,int j,int k)
{
    l=i;
    b=j;
    h=k;
}
Box::Box(int s)
{
   l=b=h=s;
}
Box::Box(Box &P)
{
   l=P.l;
   b=P.b;
   h=P.h;
}
void Box::show()
{
   cout<<l<<","<<b<<","<<h<<endl;
}
int main()
{
   clrscr();
   Box B1;
   Box B2(10);
   Box B3(6,7,9);
   Box B4(B1);
   B1.show();
   B2.show();
   B3.show();
   B4.show();
   getch();
   return 0;
}
```

How many constructors this class has ?

```
class Box
{
   int l,b,h;
public:
        void get();
        void show();
};
```

Answer: 2 , both are given by compiler: default cont and default copy const

How many constructors this class has ?

```
class Box
{
   int l,b,h;
public:
        Box();
        void show();
};
```

Answer: 2 , ONE is programmer's const caLLED NON PARAMETRIZED CONSTRUCTOR and dfault copy const

How many constructors this class has ?

```
class Box
{
   int l,b,h;
public:
          Box();
          Box(int);
          void show();
};
```

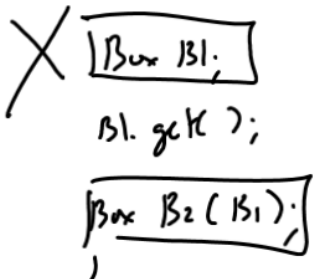
Answer: 3 , TWO by programmer's and one by compiler dfault copy const

How many constructors this class has ?

```
class Box
{
   int l,b,h;
public:
          Box();
          Box(int);
          Box(Box&);
          void show();
};
```

Answer: 3 , All by programmer

How many constructors this class has ?




```
class Box
{
   int l,b,h;
public:

        Box(Box&);
        void get();
        void show();
};
```

Answer: 1: It is prgorammer defined dopy constrructor