INDEX

Start here | 01.cpp

```
1   /*Classes And Objects*/
2   #include<iostream>
3   using namespace std;
4
5   class complex
6   {
7       int a,b;
8   public:
9       void getdata(int x,int y)
10      {
11          a=x;
12          b=y;
13      }
14      void showdata()
15      {
16          cout<<"a="<<a<<"b="<<b;
17      }
18  };
19  main()
20  {
21      complex c1;
22      c1.getdata(3,5);
23      c1.showdata();
24
25  }
26
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\01.exe"
a=3b=5
Process returned 0 (0x0)   execution time : 0.047 s
Press any key to continue.
```

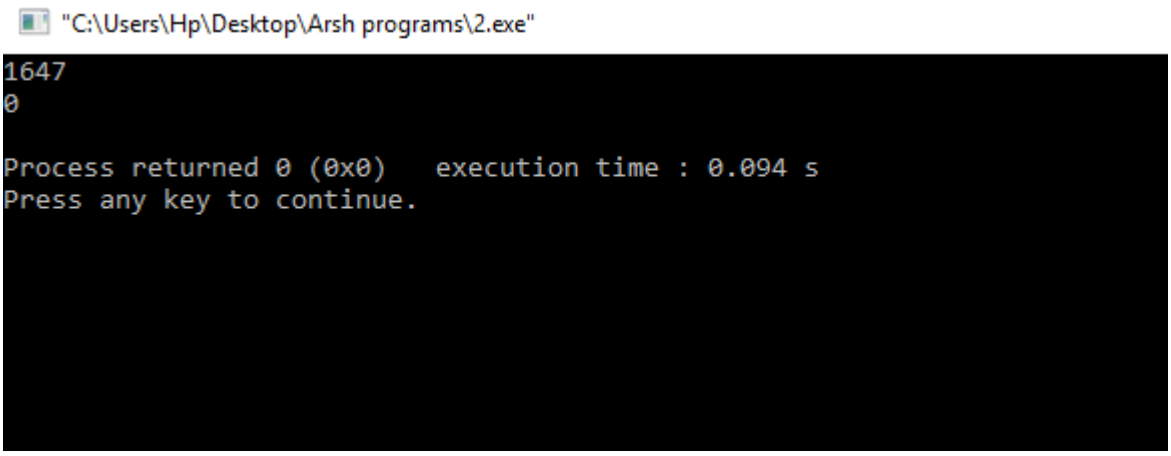
Start here | 01.cpp | 2.cpp

```cpp
/*Inline Function*/
#include<iostream>
using namespace std;

inline mul(float x,float y)
{
return(x*y);
}
inline div(float m,float n)
{
return(m/n);
}
int main()
{
float a=30.5,b=54;

cout<<mul(a,b)<<endl;
cout<<div(a,b)<<endl;
}
```

Output :



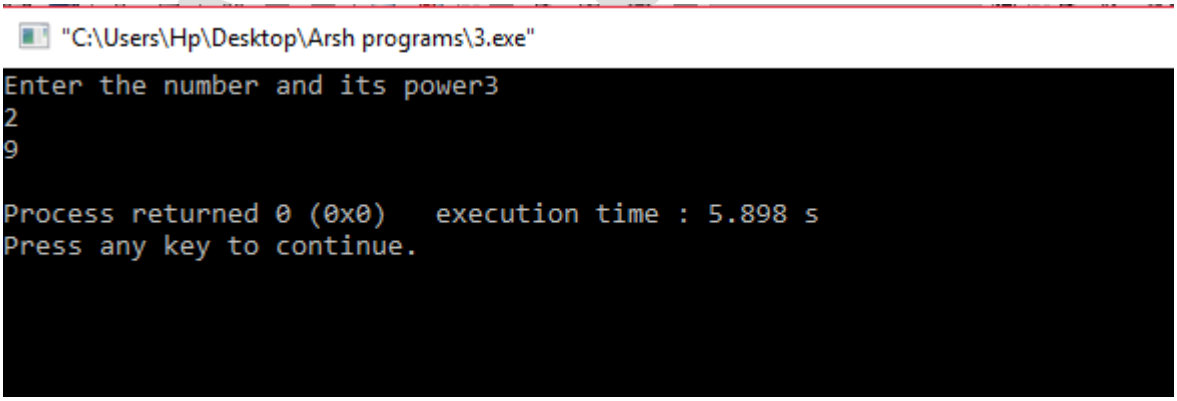
Start here | *Untitled1 | 2.cpp | 3.cpp | 4.cpp | 5.cpp

```cpp
#include<iostream>
#include<math.h>
using namespace std;
power(float m,int n)
{
    float t;
    t=pow(m,n);
    return t;
}

main()
{
    float a;
    int b;
    cout<<"Enter the number and its power";
    cin>>a>>b;
    cout<<power(a,b)<<endl;

}
```

Output :



Start here | 3.cpp | **4.cpp** | 5.cpp | 6.cpp | 7.cpp

```
1   #include<iostream>
2   using namespace std;
3
4   sum(int a,int b)
5   {
6       return(a+b);
7   }
8   sum(int a,int b, int c)
9   {
10      return(a+b+c);
11  }
12
13  main()
14  {
15      int m,n,o,t,y;
16      cout<<"Enter the values of 3 numbers to be added";
17      cin>>m>>n>>o;
18      t=sum(m,n);
19      y=sum(m,n,o);
20      cout<<t<<"\n"<<y;
21
22  }
23
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\4.exe"
Enter the values of 3 numbers to be added3
4
5
7
12
Process returned 0 (0x0)   execution time : 3.942 s
Press any key to continue.
```

Start here | 3.cpp | 4.cpp | 5.cpp | 6.cpp | 7.cpp

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

main()
{
    int a[3][3],b[3][3],c[3][3],i,j,k;

    cout<<"Enter nine values of matrix";
    for(i=0;i<=2;i++)
    {
        for(j=0;j<=2;j++)
        {
            cin>>a[i][j];
        }
    }
    cout<<"Enter nine values of matrix 2";
        for(i=0;i<=2;i++)
    {
        for(j=0;j<=2;j++)
        {
            cin>>b[i][j];
        }
    }

    for(i=0;i<=2;i++)
    {
        for(j=0;j<=2;j++)
        {
                                int sum=0;


            for(k=0;k<=2;k++)
            {
                sum=sum+a[i][k]*b[k][j];
                c[i][j]=sum;
            }
                cout<<c[i][j];
                cout<<"\n";
            }

        }
    }
```

"C:\Users\Hp\Desktop\Arsh programs\5.exe"

```
3
3
3
3
3
3
3
3
Enter nine values of matrix 23
3
3
3
3
3
3
3
3
27
27
27
27
27
27
27
27
27

Process returned 0 (0x0)   execution time : 7.905 s
Press any key to continue.
```

```
31  {
32      time t1,t2,t3;
33      t1.gettime(2,45);
34      t2.gettime(3,30);
35      t3.sum(t1,t2);
36       t1.puttime();
37      t2.puttime();
38      t3.puttime();
39
40   }
41
```

Start here | 3.cpp | 4.cpp | 5.cpp | **6.cpp** | 7.cpp

```
1   #include<iostream>
2   using namespace std;
3
4   class time
5   {
6       int hours;
7       int minutes;
8   public:
9       void gettime(int h,int m)
10      {
11
12      hours=h;
13      minutes=m;
14      }
15      void puttime(void)
16      {
17          cout<<hours<<"hours and";
18          cout<<minutes<<"minutes";
19      }
20      void sum(time,time);
21  };
22  void time :: sum(time t1,time t2)
23  {
24      minutes=t1.minutes+t2.minutes;
25      hours=minutes/60;
26      minutes=minutes%60;
27      hours=hours+t1.hours+t2.hours;
28  }
29
30  int main()
```

"C:\Users\Hp\Desktop\Arsh programs\6.exe"

```
2hours and45minutes3hours and30minutes6hours and15minutes
Process returned 0 (0x0)   execution time : 0.078 s
Press any key to continue.
```

Start here | 3.cpp | 4.cpp | 5.cpp | 6.cpp | 7.cpp

```
1  /*Primitive to class type */
2  #include<iostream>
3  using namespace std;
4  class complex
5  {
6      int a,b;
7  public:
8      complex()
9      {
10
11     }
12     complex(int k)
13     {
14         a=k;b=0;
15     }
16     void getdata(int x,int y)
17     {
18         a=x;
19         b=y;
20     }
21     void putdata()
22     {
23         cout<<"a="<<a<<"b="<<b;
24     }
25 };
26
27 main()
28 {
29     complex cl;
30     int x=5;
31      cl=x;
32
33      cl.putdata();
34  }
```

Output :

"C:\Users\Hp\Desktop\Arsh programs\7.exe"

```
a=5b=0
Process returned 0 (0x0)   execution time : 0.078 s
Press any key to continue.
```

Start here | 8.cpp | 9.cpp | 10.cpp | 11.cpp | 12.cpp | 13.cpp | 14.cpp | 15.cpp

```
1  /*class type to primitive type*/
2  #include<iostream>
3  using namespace std;
4
5  class complex
6  {
7      int a,b;
8  public:
9      void getdata(int x,int y)
10     {
11         a=x;
12         b=y;
13     }
14     void putdata()
15     {
16         cout<<"a="<<a<<"b="<<b;
17     }
18     operator int()
19     {
20         return(a);
21     }
22 };
23
24 main()
25 {
26     complex c1;
27     c1.getdata(4,8);
28     c1.putdata();
29     int x;
30     x=c1;
31
32     cout<<"x="<<x;
33 }
34
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\8.exe"
a=4b=8x=4
Process returned 0 (0x0)   execution time : 0.062 s
Press any key to continue.
```

Start here | 28.cpp | 9.cpp

```
/*Class To Class Type*/
#include<iostream>
using namespace std;

class product
{
    int m,n;
public:
    void getdata(int x ,int y)
    {
        m=x;
        n=y;
    }
    int getM()
    {
        return(m);
    }
    int getN()
    {
        return(n);
    }
};
class item
{
    int a,b;
public:
    item()
    {

    }
    item(product p1)
    {
        a=p1.getM();
        b=p1.getN();
    }
    void showdata()
    {
        cout<<"a="<<a<<"b="<<b;
    }
};

main()
{
    product p2;
    item i1;
    p2.getdata(5,8);
    i1=p2;
    i1.showdata();
}
```

```
"C:\Users\Hp\Desktop\Arsh programs\9.exe"
a=5b=8
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

```
1   /*Parameterized Contructor*/
2   #include<iostream>
3   using namespace std;
4
5   class point
6   {
7       int a,b;
8   public:
9        point(int x,int y)
10      {
11         a=x;
12         b=y;
13      }
14      void showdata()
15      {
16          cout<<"a="<<a<<"b="<<b;
17      }
18  };
19
20  main()
21  {
22      point p1(3,2),p2(6,5);
23
24      p1.showdata();
25      p2.showdata();
26  }
27
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\10.exe"
a=3b=2a=6b=5
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 11.cpp | 12.cpp | 13.cpp | 14.cpp | 15.cpp

```cpp
/*Copy Constructor*/
#include<iostream>
using namespace std;

class idea
{
    int a,b;
public:
    idea(){}
    idea(int x)
    {
        a=x;
    }
    idea(idea &e)
    {
        a=e.a;
    }
    void showdata()
    {
        cout<<"a="<<a;
    }
};
main()
{
    idea i1(100);
    idea i2(i1);
    idea i3=i1;
    i1.showdata();
    i2.showdata();
    i3.showdata();
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\11.exe"
a=100a=100a=100
Process returned 0 (0x0)   execution time : 0.047 s
Press any key to continue.
```

Start here | 12.cpp | 13.cpp | 14.cpp | 15.cpp

```
1   /*Use Of Destructor*/
2   #include<iostream>
3   using namespace std;
4
5   class complex
6   {
7       int a,b;
8   public:
9       ~complex()
10      {
11          cout<<"Arsh Goyal ECE 2nd Year";
12      }
13  };
14
15  main()
16  {
17      complex c1;
18      cout<<"\n";
19      complex c2;
20      complex c3;
21  }
22
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\12.exe"

Arsh Goyal ECE 2nd YearArsh Goyal ECE 2nd YearArsh Goyal ECE 2nd Year
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 15.cpp | 13.cpp | 14.cpp

```cpp
/*Friend Function to add data*/
#include<iostream>
using namespace std;
class CSE;
class ECE
{
    int a;
public:
    void getdata(int x)
    {
        a=x;
    }
    friend void add(ECE,CSE)
};
class CSE
{
    int b;
public:
    void getdata(int y)
    {
        b=y;
    }
    friend void add(ECE,CSE);
};

void add(ECE e1,CSE c1)
{
    cout<<"The sum is ="<<e1.a+c1.b;
}
main()
{
    ECE p;
    CSE q;
    p.getdata(6);
    q.getdata(7);
    add(p,q);
}
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\13.exe"
The sum is =13
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 15.cpp | 14.cpp

```
1   /*Single Inheritance*/
2   #include<iostream>
3   using namespace std;
4
5   class A
6   {
7       int a;
8   public:
9       int b=5;
10
11          };
12  class B : public A
13  {
14      int c=6;
15  public:
16      B() {
17          cout<<"The result is"<<b*c;
18          }
19  };
20  int main()
21  {
22      B b1;
23
24  }
25
```

Output :

```
Select "C:\Users\Hp\Desktop\Arsh programs\14.exe"
30
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 15.cpp

```
/*Multilevel Inheritance*/
#include<iostream>
using namespace std;

class student
{
public:
    int rollnumber;
    void getnumber(int a)
    {
        rollnumber=a;
    }
    void putnumber(void)
    {
        cout<<"The Roll Number Is"<<rollnumber;
    }
};

class test :public student
{
public :
    int d,e;
    void getmarks(int x,int y)
    {
        d=x;
        e=y;
    }
    void putmarks()
    {
        cout<<"Marks in Subject 1="<<d<<"and in 2="<<e;
    }
};
class result :public test
{
public:
    int total;
    void display()
    {
        total=d+e;
        cout<<"The total marks are"<<total;
    }
};

main()
{
    result r1;
    r1.getnumber(15);
    r1.getmarks(99,100);
    r1.display();
}
```

```
"C:\Users\Hp\Desktop\Arsh programs\15.exe"
The total marks are199
Process returned 0 (0x0)   execution time : 0.016 s
Press any key to continue.
```

Start here | 16.cpp | 17.cpp | 18.cpp | 19.cpp | 20.cpp

```cpp
/*Multiple Inheritance*/
#include<iostream>
using namespace std;
class Engineering
{
public :
    int a,b;
    void getdata(int x,int y)
    {
        a=x;
        b=y;
    }

};

class ECE :public Engineering
{
public:
    int c,d;
    int multiply()
    {
        cout<<"The result is"<<a*b;
    }
};

class Arsh :public Engineering
{
public :
    int e,f;
    int sum()
    {
        cout<<"The Result is"<<a+b;
    }
};

main()
{
    ECE e1;
    Arsh e2;
    e1.getdata(5,6);
    e1.multiply();
    e2.getdata(5,3);
    e2.sum();
}
```

"C:\Users\Hp\Desktop\Arsh programs\16.exe"

```
The result is30The Result is8
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 17.cpp | 18.cpp | 19.cpp | 20.cpp

```cpp
/*Hybrid Inheritance*/
#include<iostream>
using namespace std;

class student
{
    public:
    int rollnumber;
    void getdata(int x)
    {
        rollnumber=x;
    }
    void putdata()
    {
        cout<<"Roll Number"<<rollnumber;
    }
};
class test:public student
{
public:
    int p,q;
    void getmarks(int m,int n)
    {
        p=m;
        q=n;
    }
    void showmarks()
    {
        cout<<"Marks in subject 1="<<p<<"and in subject 2 ="<<q;
    }
};

class sports
{public:
    int w;
public :
    void dange(int h)
    {
        w=h;
    }
    void putscore()
    {
        cout<<"Sports="<<w;
    }
};

class result : public test,public sports
{
public:
    int total;
    void display()
    {
    total=p+q+w;
    cout<<"Hence the total marks are="<<total;
    }
};
main()
{
    result r1;
    r1.getdata(15);
    r1.putdata();
    r1.getmarks(23,45);
    r1.showmarks();
    r1.dange(34);
    r1.putscore();
    r1.display();
}
```

```
"C:\Users\Hp\Desktop\Arsh programs\17.exe"
Roll Number15Marks in subject 1=23and in subject 2 =45Sports=34Hence the total marks are=102
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | *18.cpp | 19.cpp | 20.cpp

```
1  /*Operator Overloading-Binary*/
2  #include<iostream>
3  using namespace std;
4
5  class complex
6  {
7      int a,b;
8  public:
9      void getdata(int x,int y)
10     {
11         a=x;
12         b=y;
13     }
14     void showdata()
15     {
16         cout<<"a="<<a<<"b="<<b;
17     }
18     complex operator+(complex c)
19     {
20         complex temp;
21         temp.a=a+c.a;
22         temp.b=b+c.b;
23         return(temp);
24     }
25 };
26
27 main()
28 {
29     complex c1,c2,c3;
30     c1.getdata(3,7);
31     c2.getdata(4,8);
32     c3=c1+c2;
33     c3.showdata();
34 }
35
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\18.exe"
a=7b=15
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 19.cpp | 20.cpp

```
1   /*Unary Operator Overloading*/
2   #include<iostream>
3   using namespace std;
4   class complex
5   {
6       int a,b;
7   public:
8       void getdata(int x,int y)
9       {
10          a=x;
11          b=y;
12      }
13      void showdata()
14      {
15          cout<<"a="<<a<<"b="<<b;
16      }
17      complex operator-()
18      {
19          complex temp;
20          temp.a=-a;
21          temp.b=-b;
22          return(temp);
23      }
24  };
25
26  main()
27  {
28      complex c1,c2,c3;
29      c1.getdata(3,7);
30      c2=-c1;
31      c2.showdata();
32  }
33
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\19.exe"
a=-3b=-7
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

–

Start here | 20.cpp

```
/*Virtual Base Classes*/
#include<iostream>
using namespace std;

class student
{
    public:
    int rollnumber;
    void getdata(int x)
    {
        rollnumber=x;
    }
    void putdata()
    {
        cout<<"Roll Number"<<rollnumber;
    }
};
class test:virtual public student
{
public:
    int p,q;
    void getmarks(int m,int n)
    {
        p=m;
        q=n;
    }
    void showmarks()
    {
        cout<<"Marks in subject 1="<<p<<"and in subject 2 ="<<q;
    }
};

class sports:virtual public student
{public:
    int w;
public :
    void dange(int h)
    {
        w=h;
    }
    void putscore()
    {
        cout<<"Sports="<<w;
    }
};

class result : public test,public sports
{
public:
    int total;
    void display()
    {
    total=p+q+w;
    cout<<"Hence the total marks are="<<total;
    }
};
main()
{
    result r1;
    r1.getdata(45);
    r1.putdata();
    r1.getmarks(54,90);
    r1.showmarks();
    r1.dange(12);
    r1.putscore();
    r1.display();
}
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\20.exe"
Roll Number45Marks in subject 1=54and in subject 2 =90Sports=12Hence the total marks are=156
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 28.cpp | 21.cpp | 22.cpp | 23.cpp | 24.cpp | 25.cpp | 26.cpp | 27.cpp

```cpp
/*Nested Classes*/
#include<iostream>
#include<string.h>
using namespace std;

class student
{
    public:
    int rollnumber;
    char name[20];
    class address
    {
        public:
        int hno;
        char street[20];
        char district[20];
        char state[20];
        char pin[20];
        void getdata(int h,char *s,char *d,char *f,char *g)
        {
            cout<<"Enter HnO,Street,District,State,Pin";
            hno=h;
            strcpy(street,s);
            strcpy(district,d);
            strcpy(state,f);
            strcpy(pin,g);

        }
        void showaddress()
        {
            cout<<"The Hno="<<hno<<"  "<<"Street Name :"<<"  "<<street<<" District ="<<district<<"State="<<state<<"Pin="<<pin;
        }

};
address Add;

void setrollnumber(int q)
{
    rollnumber=q;
}
void setname(char *u)
{
    strcpy(name,u);
}
void setaddress(int h,char *s,char *d,char*f,char *g)
{
    Add.getdata(h,s,d,f,g);
}
void showdata()
{
    cout<<"The data of the student is";
    cout<<rollnumber<<"  ";
    cout<<name<<" " ;
    Add.showaddress();
}
};
main()
{
    student s1;
    s1.setrollnumber(15);
    s1.setname("Arsh Goyal");
    s1.setaddress(301,"Dogar Basti","Fraidkot","Punjab","151203");
    s1.showdata();
}
```

```
"C:\Users\Hp\Desktop\Arsh programs\21.exe"
Enter HnO,Street,District,State,PinThe data of the student is15  Arsh Goyal The Hno=301  Street Name :  Dogar Basti Dist
rict =FraidkotState=PunjabPin=151203
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 28.cpp | **22.cpp** | 23.cpp | 24.cpp | 25.cpp | 26.cpp | 27.cpp

```cpp
/*Use Of Default Constructor*/
#include<iostream>
using namespace std;

class complex
{
public:
    complex()
    {
        cout<<"I have called a Contructor";
    }

};

main()
{
    complex c1,c2,c3;
}
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\22.exe"
I have called a ContructorI have called a ContructorI have called a Contructor
Process returned 0 (0x0)   execution time : 0.016 s
Press any key to continue.
```

Start here | 28.cpp | **23.cpp** | 24.cpp | 25.cpp | 26.cpp | 27.cpp

```
1   /*Constructor Overloading*/
2   #include<iostream>
3   using namespace std;
4
5   class complex
6   {
7       int a,b,c;
8   public:
9       complex()
10      {
11
12      }
13      complex(int x,int y)
14      {
15          a=x;
16          b=y;
17          cout<<"a="<<a<<"b="<<b;
18      }
19      complex(int x,int y,int z)
20      {
21          a=x;
22          b=y;
23          c=z;
24          cout<<"a="<<a<<"b="<<b<<"c="<<c;
25      }
26
27
28  };
29  main()
30  {
31      complex c1;
32      complex c2(32,87);
33      complex c3(32,66,43);
34  }
35
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\23.exe"
a=32b=87a=32b=66c=43
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 28.cpp | **24.cpp** | 25.cpp | 26.cpp | 27.cpp

```cpp
/*Use of This pointer*/
#include<iostream>
using namespace std;

class box
{
    int a,b,c;
public:
    void setdimension(int a,int b,int c)
    {
        this->a=a;
        this->b=b;
        this->c=c;
    }
    void showdata()
    {
        cout<<"Length="<<a<<"Breadth="<<b<<"Height="<<c;
    }
};
main()
{
    box smallbox;
    smallbox.setdimension(2,3,5);
    smallbox.showdata();
}
```

Output :

```
"C:\Users\Hp\Desktop\Arsh programs\24.exe"
Length=2Breadth=3Height=5
Process returned 0 (0x0)   execution time : 0.047 s
Press any key to continue.
```

Start here | 28.cpp | **25.cpp** | 26.cpp | 27.cpp

```
1   /*Friend Function*/
2   #include<iostream>
3   using namespace std;
4
5   class complex
6   {
7       public:
8       int a,b;
9           void getdata(int x,int y)
10      {
11          a=x;
12          b=y;
13      }
14      void display()
15      {
16          cout<<"a="<<a<<"b="<<b;
17      }
18      friend void fun();
19  };
20
21  int fun(complex c)
22  {
23      cout<<"The totsl is"<<c.a+c.b;
24  }
25
26  int main()
27  {
28      complex cl;
29      cl.getdata(23,56);
30      cl.display();
31      fun(cl);
32  }
33
```

```
"C:\Users\Hp\Desktop\Arsh programs\25.exe"
a=23b=56The totsl is79
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 28.cpp | 27.cpp | **26.cpp**

```
/*Dynamic Initialization Of Objects*/
#include <iostream>
using namespace std;
class Employee
{
int Empl_no;
float salary;
public:
Employee()
{}
Employee(int empno,float s)
{
Empl_no=empno;
salary=s;
}
Employee (Employee &emp)
{
cout<<"\ncopy constructor working\n";
Empl_no=emp.Empl_no;
salary=emp.salary;
}
void display (void)
{
cout<<"\nEmp.No:"<<Empl_no<<"salary:"<<salary;
}
};
int main()
{
int eno;
float sal;
```

```
cout<<"Enter the employee number and salary\n";
cin>>eno>>sal;
Employee obj1(eno,sal);
cout<<"\nEnter the employee number and salary\n";
cin>>eno>>sal;
Employee obj2(eno,sal);
obj1.display();
Employee obj3=obj2;
obj3.display();

}
```

```
"C:\Users\Hp\Desktop\Arsh programs\26.exe"
Enter the employee number and salary
12
1200

Enter the employee number and salary
12
1245

Emp.No:12salary:1200
copy constructor working

Emp.No:12salary:1245
Process returned 0 (0x0)   execution time : 8.709 s
Press any key to continue.
```

Start here | 28.cpp | 27.cpp

```cpp
/*Area Of Rectangle*/
#include <iostream>
using namespace std;

class Rectangle {
    int width, height;
  public:
    void set_values (int,int);
    int area() {return width*height;}
};

void Rectangle::set_values (int x, int y) {
  width = x;
  height = y;
}

int main () {
  Rectangle rect;
  rect.set_values (3,4);
  cout << "area: " << rect.area();
  return 0;
}
```

"C:\Users\Hp\Desktop\Arsh programs\27.exe"

```
area: 12
Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```

Start here | 28.cpp

```cpp
/*Public Data Memebers*/
#include <iostream>
using namespace std;

class Numbers
{
    public:
        int a;
        int b;
};

//Main function
int main()
{

    Numbers Num;
    Num.a = 100;
    Num.b = 200;

    cout<<"Value of Num.a: "<<Num.a<<endl;
    cout<<"Value of Num.b: "<<Num.b<<endl;

    return 0;
}
```

```
"C:\Users\Hp\Desktop\Arsh programs\28.exe"
Value of Num.a: 100
Value of Num.b: 200

Process returned 0 (0x0)   execution time : 0.031 s
Press any key to continue.
```