Registration No: 12114762 Name: Pranov Mishra Course Code: CAP 445 ROLLNO:- ROOCOJASS Teacher: Dra Yosin Ignal Sir Course Title: OOPs using CH Ans:-I Multilevel Inhoritana: #includeLiostocom> using namespace std; class Ipy Public: int a = 100; Void display () cout < "Welcome to low In "Kend!; " Class C&s: public Ipu class mca: public cx E public: Int C= 300; 1/6

```
Int main()

mea obj;

obj. display();

cout</obj.accendl;

cout</obj.bccendl;

cout</obj.c;

return 0;

S

Output:

Welcome to Lipu

100
200
300
```

```
Ans:2: Overload Binary Operator:
       # include < iostsuam>
          using namespace std;
          Closs MCA
                int a, b;
                Public:
                 Vold get (intx, intx)
                       Q = X;
                void display ()
                   cout<<a<<endl<<b<<endl;
              Mc Mo pperator * (MCA -C);
         3;
          MCA
                MCA: Operator * (MCA C)
           ۶
                 MCA+ temp;
                 temp. a = a* C. a;
                 temp. b = b* C.b;
                 oretwin temp;
            3
```

```
int main ()

§

MCA m1, m2, m3;

m1. get (2,2);

m2. get (2,2);

m3 = m1 * m2;

m3 * display();

suttuin 0;

3

Output:

4

4
```

```
Ans:-3
              to Class convorsion:
        Class
         #include < iostream>
            using namespace stel;
            closs
                  Closs-To-Closs-Coversion
             ş
                    int b, c;
                    Public:
                        Closs_To_Class_Conversion()
                     Class-To-Class-Conversion (Int m)
                           b = m/60:
                           C= m%.60;
                  void display ()
                      coutes "The Howrs ove: " ( bac endl;
                      cout << "The Mins out: "<< c << endl;
                  3
             3;
             @class Class_To_Class_conversion2
               ş
                    int b, c;
                    Public:
                   Class_To_Class_Conversion2()
                  & Closs_To-Closs_Conversion2 (inta)
                        b= 9/60:
                        C= 97.60;
                                                      5/6
                   3
```

```
Void display ()
       Cout << "The Howrs ove: "<<b<< endl;
       Cout << "The Mins ove: "Kcckendl;
     3
3;
 int main()
     Class-To-Class-Conversion m (120);
     Class- To-Class-Conversion a (140);
       m-display ();
       a. display();
Output:
          The Howis ore: 2
          The Hours are: 0
           The Hows are: 2
           The Mins are: 20
```