91

```
# include < iost ream>
=
      Vsing nomespace stdi
       class overload
       Divate:
          int a, b;
        Public:
          overload ()
             a= b=0;
         overload (int x, int y)
          1
            a= x ;
             b= y;
        overload operator - (overload & obj 1)
         overload c;
         c.a = a - obj1. a',
         L.b = b = obj1.b;
         return L;
       friend overload operator 1. (overload &, overload &);
        roid show-data ()
          Cout LL a - . K P - ; 3
```

```
Overload operator 1. (operator & 21, operator & 41)
  {
     overload zi;
    Z1. a = \11. a 7. 41. a)
    Z1. b = x1. b 7. 41. bj
    Suturn ZI;
    3
  int main ()
    orevload Obj 1 (33, 39);
   Overload obj 2 1 2,4);
   Over load result;
    result = obj 1 7. obs 2;
    returt. Show_data();
     return o;
 3
```

```
22:
```

```
#include Liostream>
# include > 1stream>
using namespale std;
class student
 Private:
  int Reg-ho;
 float fees;
 char name [50], Sec [30];
 Public :
  void get-data()
   Cout < 2" Enter the name of student"
   gets (name);
   couter" Enter your section"
   gets (sec);
   cout << " Enter your Reg-no"
   cin >> Reg-no;
   coul << " Enter your fees"
   cin>)-fees;
 float gel-tees () { return fees; ]
```

```
Void input ()
  f
   fstream A;
    A. open (" Student, txt", ios: app):
    Her name 22 Reg-no 22sec 22 fees;
     Aiclose ();
    Void show_datal)
     (out << " Name: - " << name > zend!",
    Cout << "section: " Le secze end!,
    cout 22" Fees: -"22 fees 22 end;
    Cout ZZ" Registration number: - "ZZ Reg- No Zzendi;
3;
int main ()
  Student obj[10];
  fstream A;
  -for ( int i=0 ; i < 10; i++)
     Obj [i]. get-data ();
    obs[i]. input ();
   1
  cout LZ' students whose dees is equivalent to 10000-";
    int count = 0
    for (int a=0 ) a < 10; a++)
```

```
Name-Decomson Durgem
93
\Rightarrow
     # includeciostream>
      Using namespace std;
      class Question 3
       protected:
           int x;
         public :
           virtual int task()=0;
        3;
       class sub1: public question3
        2
          public:
           void get-datal)
            coulze "Enter the value of x:- ";
            cin>> X;
          virtual int task ()
           { int lact=1;
           if (x<0)
             couted" factorial is not possible as the value of x 18
                  less than 0";
            else
            {for(int i=0;i<x; i++)
                 fact = fact i;
         Louter" The factorial of the value. "cc x < cis < cfact;
```

Reg - 1190600b

```
int main ()

{
Question 3 * ptr;

sub1 02;

Ptr = & 02;

02. get-data();

ptr -> tas k0;

}
```

```
# include ziostreamy
 Using namespace std;
  class Question 4
 Private:
     int Upper-limit, lower-limit;
 Public:
    Question4 (int upper-limit, int lower-limit)
         count = 0 1 i flag ;
    int
     flag=0;
    for (int n= lower_limit; n = Upper-limit in++)
      flag = 0;
    for (1=2; i<=n/2; i++)
        if (nº1.i==0)
         1 lag = 1;
          break;
       3
     3
if (flag = = 0 & 8 n!=1)
      Count ++ j
    int main ()
     question4 (10,1);
     return 0;
```