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J. Dayon, 2005 839
Lab 4
23 Create class complex which stooks real and imaginary part
 of a complex number. Input 5 complex numbers and display
them.
  # include (istram)
   using naryespace std;
  class complex &
   int b;
        int number (int x, mt y)
         { a= k;
       int output ()
       { but << " the complex number is "<< a << " +" << b << " :"
    int main () december
     complex 9, v, c, d, e;
     9. number (4,6);
      q. output ();
                                              Output
      V. junber (5,6);
                                          The temples number is
      V. output ();
                                         The Complex number is
      (. number (7,6);
     ( output ();
                                         The complex number is 7+6;
      d. number (8,9);
                                       The complex number is 8-49;
      d-output ();
                                      The complex number is 10+12i
       e- number (10,12);
      e output ();
```

vieturn 0;

```
Execute class which store game, will and total mark for
 a student. Input the data for a student and duplay
 #include < 1(stscam)
   using names pace istel;
   Class Stud
      char name [10];
      int roll;
     int marks;
     Public:
     Void usetdata() &
       Cout << " Enter the name of student " << endly
      Un >> hane;
     Cout ce" Eyter the golf of student " exendl;
      an >> roll;
      Cout << " Epter total marks of istendents: " << endl;
      Un >> marksi
    void get data ()
        Cout &" the name of student is "<< name << endl;
        Cout «" Dull no. is " « igoll « enell)
       Cent Ce" itotal marks is "< marks exercit;
   int main()
       stud SI;
      SI setdatal);
      SI. getdatal);
     return 0;
origin. Enter the name of student: Daman
      Enter the order of stadent: 839
       Enter total Marks of Students: 98
    The name of student is Danjan
     Roll no. is 839
    total mans is 98
```

```
Q1. Mody the powgram to store marks in 38 ubjects
    Calculate the total yarks and perientage of a student and
   displayit
  #indude ( los beam >
   wing game space std;
    class marks
      Private:
     int marks [3];
    public:
     Void Methanks ()
      for (int i= 0; i<3; i++)
    1 lant " Egges the yarks of " << i + 1 <<" Subject " « end)
     cin >> movers tis;
     vird get values ()
     int total marks to = 0;
        float per;
        for (int i=0; i<3; i++)
        { totalyarks += marks [i];
       Cout << " total yarks is " << total marks (ceruli;
       per = totalmarks/3.0;
      Court « " percentage of student is: " << per;
                                          cripert
                                           Enter the mark of I subject
   Int main ()
                                           Enter the mark is 2 subject
   1. marks mis
     m. gets ml. setmark ();
                                          Eyter the marks of 3 subject
               m1. get values (7;
            yeturn D;
                                         total marks is 294
                                         percentage of student is: 98
```

```
#indude ( istocam)
 lising numespace stats
 Class - Complex
    private:
     int real;
    int img,
   Public:
    Void setDatal)
         Cout ( "Enter Ireal point: In";
         (in >> real;
         Cout << " Enter imaginary part: \n";
        Cin >> img;
         Get data ();
    void getdata () {
       Ceret 20" Complex number is "<1 real (1" + "<1 reg (2" i" exceed)
   int main ()
     ( complex com [5])
    int n=5;
        for (int i=0; i < n; i++)
         [ Cout <<" Enter values of " << i+1 <<" complex number: \n"
            Com[i] : setData();
          ireturn 0;
```