Name-Chiradeep Banik. Enrol. No. - 20 UC5 176 Branch - Computer Sc. and Engineering Section - A Reg. No. - 2012819

9.1

# Include Liostream class . Simple Class of public: stdi: string name = "Simple Class"; void print Name ()d std:: cout : K (12 am a 166 name KK std:: end's inh mainled simple. Class & simple\_class = new Simple Class (); Simple\_class -> print Name(); delete simple-class; return 0;

Output

La 2 am a Simple Claus

#Include <i fostneam) using mamespace std; class Class d Emphblic; = smar ministrations void hello ()d cout KR "Hello" "KR end); Money that all femon hours Int main()d Class = now . Class (); -class -> hello (); delete class; return 0;

> Output La Hello.

# Include Kolds Hinclude Kiostneam) using namespace std; class studentd private: string name; 9nt sems · public : void get Details () 1 coutre " Enton name: "; ein by name; cout KK "Enten semesten: "; cin Il sem; void print Details () & cout 12 "In Name!" ( a name & Cendl) cout Ks "Semester;" Ksem Ks endl; egold stragements of him country of his int mouncid "Student \*stu = new student(); stu-got Detects (); stu -> printDetails();

4

delete stu;

neturn 03

## Output

L's Enter name: banth

-) Enter semester: 4

-> Name: banik
Semeston: 9.

<u>904</u>

# Include Gostmean)
using namespace Std;
struct phone Numd
not pant; pent2, pant3;

23

Int main() L delibert one

phone Num phone = new phone Num();

cout xx "Inter phone number: ";

cin >> phone point >> phone pant >> phone >> pant >>

K. ptone + pant 2 K 11-11

alles stelled

Myslada Mosmesmy

se phone-spantsks end;

METHON DS

delete phone;

Output

L) Enten phone number: 798 123 3139

-> Phone numbon: 798-123-3139

# include Mostneam !!

class working Class &

pairate:

sträng name = "working class";
public:

void pointName ()

cout ex "I am a " x name & and;

# Sucialex 60 stocom

wind name space. s

class studentd

of vale:

1

Ji : " I doksows hold go sy mos

int main()d

working Class " working class = new working Class ();

working -class + printNamel);

delete working class;

neturn 03

3

Output

13 2 am a Working Class.

```
# "includex $0 stream)
        cuing name space staj
        class student d
            private:
               strang name;
             int sem;
            public :
                void get Deteils ()d
      cout << "Enter Name: ";
                     cin'>> name;
                     cout K" Enter Semester ! ";
                     and sems
2 (12281) ATE (18251) 4
                 void point Details () d
                  cout 15 " In Name: " LA name & endl;
                      cout 44 " Somester: " LA som 14 endl?
         int main () d
             gut n;
             cout as "Enter, number of students: 113
              and n:
             student studenk[n];
             for ("n+ 1=0; 1 xn; 1++)d
                   Student [m] : get Details ();
             Coutastuden Detects: \n ""
             for (9nt 3=0; akn; att) (
                    student [n], paint Detecils ();
              neturen Os
```

## Output.

Enter number of students : 2

-> Enter name: Stul

> Enter semester: 3

> Enter name: stur

> Enter semester: 4

-) student De tails:

Name: stul

semesten: 3

Name 2 sty 2

Semester: 9

```
# "include 1" ostneam)
 using namespace std;
 class nectangled
     private:
        int length;
         Int broadth 3
     public:
         void get Data Od
             cout xx "Enter length: ";
             cin It length;
             Cout KA "Enter breadth ; "3
             can be bread this
         omt area ()1
            Metunn leight * breadth;
Int moun ()d
    nectangle nectangles[1];
    for (9nt 1=0; 94L; 1++) of
           Mechangles [i] getData();
   for (9nt j=0; j12; j++)d
         cout KY Area: "K rectangles [i]- areal) K endl;
```

neturno;

## Output Li Enter length: 3 Sonter breadth: 2

- > Enter length:
- -> Buten breadth: 123
- -> Arrea: 6
- >> Anea: 123

Chiradeel anil.