OOPS 02/07/2024

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| If class default then its take 1byte;  In class we can not use variable without function  Function compile time pr memory nhi leta hai  Function use to call only  In class variable initisilize zero(0); but its depend on compiler  Access specifer in c++ or modifier  By default ,private  Public  protected |
| Class is collection of member data and member function. |
| Types of classes  There are following types of classes   |  |  |  |  | | --- | --- | --- | --- | | Single class- if program contain 1 program so it is called 1. single class.   |  |  |  | | --- | --- | --- | | #include<iostream>  using namespace std;  class bhopal{      public:void show()  //public is acces specifier      {          cout<<"Welcome"; //it will take memory on runtime      }  };  int main(){      bhopal b;  //object call      b.show();   //object ke throw function call      cout<<sizeof(b);  }  2. Anonymous class  – a class which does not have its own name is called anonymous class.   |  | | --- | | #include<iostream>  using namespace std;  class{        public:void show()  //public is acces specifier      {            cout<<"Welcome"; //it will take memory on runtime      }  }j; //anonymous function  int main(){        j.show();    } |   3. Multi class- if you program contain more than 1 class is called multi class.   |  | | --- | | #include<iostream>  using namespace std;  class top1{      public:void show()  //public is acces specifier      {          cout<<"Welcome 1 "; //it will take memory on runtime      }  };  class top2{      public:void show()  //public is acces specifier      {          cout<<"\nWelcome 2 "; //it will take memory on runtime      }  };  int main(){     top1 t1;     top2 t2;     t1.show();     t2.show();  } |   4. | | |

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This keyword use in c++

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| --- |
| #include<iostream>  using namespace std;  //single class  class top{      int a,b,c;      public:void sum(int x,int y)      {          a=x;          b=y;          c=a+b;      }  void show(){      cout<<"Result = "<<c;  }  };  int main(){      top t;      int s,b;      cout<<"Enter two Number \n";      cin>>s>>b;      t.sum(s,b);      t.show();    } |