

















|                                    | Init  | ializing Arrays of Objects   | on't          |
|------------------------------------|---|--|---------------|
| tializing and Finalizing Objects 4 | Init<br>►// Constructor<br>Point(int x_first,<br>// Can be called w<br>►// Array of Point<br>Point array[]= { {<br>► Three objects<br>o constructor has<br>arguments.<br>Objects:<br>array[0]<br>array[1] | ializing Arrays of Objects<br>int y_first = 0) { }<br>ith one or two args<br><i>ts</i><br>10}, {20}, Point(30,40) };<br>f type Point has been created and the<br>been invoked three times with different<br>Arguments:<br>x_first = 10, y_first = 0<br>x_first = 20, y_first = 0 | ' <u>on't</u> |
| Щ<br>О                             | array[2]  | $x_{\text{first}} = 30, y_{\text{first}} = 40$   | 169           |

























| Initializing and Finalizing Objects 4 | <pre>class TComplex{   float real,img;   public:     TComplex(float, float); // constructor     void print() const; // const method   void reset() {real=rimg=0;} // non-const method }; TComplex::TComplex(float r=0,float i=0){     real=r;     img=i;   } void TComplex::print() const { // const method   std::cout &lt;&lt; "complex number= " &lt;&lt; real &lt;&lt; ", " &lt;&lt; img; }</pre> |  |  |
|---------------------------------------|---|--|--|
|                                       | int main() {     const TComplex cz(0,1); // constant object     TComplex ncz(1.2,0.5) // non-constant object     cz.print(); // OK     cz.reset(); // Error !!!     ncz.reset(); // OK     }  |  |  |























