

Nome, cognome, matricola: _____

1

A

Scrivere l'output del codice nel campo indicato:

<pre>#include <iostream.h> // ESERCIZIO 1 int f(int x[],int i) { *(x+i)++; return *x; } int main() { int a[]={1,3,5}; int z=f(&a[1],1); cout << z<<a[1]<<*(a+2); return 0; } //OUTPUT: _____</pre>	<pre>#include <iostream.h> // ESERCIZIO 2 int f(int *x,int *y) { int i=0; while (x[i]!=y[0]) i++; return i; } int main() { int a[]={1,2,3}; int * b; b=a+2; cout << f(a,b); return 0; } //OUTPUT: _____</pre>
<pre>#include <iostream.h> // ESERCIZIO 3 class A { public: A() {cout<<"A";}; A(A &a) {cout<<"B";} ~A() {cout<<"E";} }; class B:public A { public: B() {cout<<"C";}; B(B &a):A(a) {cout<<"D";}; ~B() {cout<<"F";}; }; int main() { B * b = new B(); B c=*b; delete b; //OUTPUT: _____ }</pre>	<pre>#include <iostream.h> // ESERCIZIO 4 class A { int k; public: A(int z=7) {k=z; cout<<z;} }; int main() { A *a =new A[3]; A *b = new A(3); //OUTPUT: _____ }</pre>

Continua sul retro =>

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2

A

Scrivere l'output del codice nel campo indicato:

<pre>#include <iostream.h> // ESERCIZIO 5 void h(int & x) {x=x+1; cout<<x;} void g(int * px) {*px=*px+1; h(*px);} void f(int x) {x=x+1; g(&x);} int main(){ int x=1; f(x); cout<<x; return 0; }</pre> _____ //OUTPUT: _____	<pre>#include <iostream.h> // ESERCIZIO 6 class A { public: A(){cout<<"A";}}; class B: virtual public A {public: B(){cout<<"B";}}; class C: virtual public A {public: C(){cout<<"C";}}; class D: public C, B {public: D(){cout<<"D";} }; int main(){ new D; return 0; } //OUTPUT: _____</pre>
<pre>#include <iostream.h> // ESERCIZIO 7 class A { public: A() {cout << "X";} void say() {cout << "Y";} ~A() {cout << "Z";} }; class B:public A{ public: B() {cout << "A";} virtual void say() {cout << "B";} virtual ~B() {cout << "C";} }; int main(){ A *a=new B; a->say(); delete a; return 0; } //OUTPUT: _____</pre>	<pre>#include <iostream.h> // ESERCIZIO 8 class A { public: static int k; A() {k++; cout<<k;} ~A() {k=k+2; cout<<k;} }; int A::k=2; int main(){ A *a =new A[3]; delete []a; }</pre> _____ //OUTPUT _____

Continua sul retro =>