

Nome, cognome, matricola: _____

1

A

Scrivere l'output del codice nel campo indicato:

<pre>#include <iostream.h> // ESERCIZIO 1 class A { public: A() {cout<<"A";}; A(A &a) {cout<<"B";} }; class B:virtual public A { public: B() {cout<<"C";}; B(B &a):A(a) {cout<<"D";} }; int main() { B b; B c=b; } //OUTPUT: _____</pre>	<pre>#include <iostream.h> // ESERCIZIO 2 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; } //OUTPUT: _____</pre>
<pre>package esame; class A { public A() {System.out.print("1");} public A(int k) {System.out.print(k+1);} void m() {System.out.print("2");} } class Z extends A { public Z() {System.out.print("3");} public void finalize() { System.out.print("4");} } public class M { M() { A a = new Z(); A x = a; a=null; System.gc(); System.out.print("6"); x=null; System.gc(); System.out.print("8"); } public static void main(String[] args) { new M(); } } //OUTPUT: _____</pre>	<pre>package esame; // ESERCIZIO 4 class A { public A() {System.out.print("1");} public void finalize() { System.out.print("2");} } class Z extends A { public Z() {System.out.print("3");} public void finalize() { System.out.print("4");} } public class M { M() { A a = new Z(); A x = a; a=null; System.gc(); System.out.print("6"); x=null; System.gc(); System.out.print("8"); } public static void main(String[] args) { new M(); } } //OUTPUT: _____</pre>

Continua sul retro =>

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A

Scrivere l'output del codice nel campo indicato:

<pre>#include <iostream.h> 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];} //OUTPUT: _____</pre>	<pre>#include <iostream.h> // ESERCIZIO 5 int f(int x[],int i) { (*(x+i))++; return *x; } int main(){ int a[]={1,3,5}; int z=f(a,1); cout << z<<a[1]<<*(a+2); return 0; } //OUTPUT: _____</pre>
<pre>#include <iostream.h> class A { public: A() {cout<<"A";} ~A() {cout<<"B";} void f() {cout<<"C";} }; class B:public A { public: B() {cout<<"D";} virtual ~B() {cout<<"E";} void f() {cout<<"F";} }; int main() { A * a= new B(); a->f(); delete a; }</pre>	<pre>#include <iostream.h> // ESERCIZIO 7 class A { public: A() {cout<<"A";} ~A() {cout<<"B";} virtual void f() {cout<<"C";} }; class B:public A { public: B() {cout<<"D";} virtual ~B() {cout<<"E";} void f() {cout<<"F";} }; int main() { A * a= new B(); a->f(); delete a; }</pre>
<pre>#include <iostream.h> class A { public: A() {cout<<"A";} ~A() {cout<<"B";} virtual void f() {cout<<"C";} }; class B:public A { public: B() {cout<<"D";} ~B() {cout<<"E";} void f() {cout<<"F";} }; int main() { A * a= new B(); a->f(); delete a; }</pre>	<pre>#include <iostream.h> // ESERCIZIO 8 class A { public: A() {cout<<"A";} ~A() {cout<<"B";} virtual void f() {cout<<"C";} }; class B:public A { public: B() {cout<<"D";} ~B() {cout<<"E";} void f() {cout<<"F";} }; int main() { A * a= new B(); a->f(); delete a; }</pre>

Continua sul retro =>

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A

Scrivere l'output del codice nel campo indicato:

**1 : ACBD
2 : 41
3 : 174
4 : 13648
5 : 3457911
6 : 145
7: ADCB
8: ADFB**

Continua sul retro =>