**Bilgisayar Mühendisliği Bölümü**

**Vize Sınavı: Süre 55 dk. 16.11.2021**

1. **Çıktı?**

int main() {

int a, b, c;

int arr[6] = { 5, 3, 6, 1, 4, 2 };

a = ++arr[1];

b = arr[1]++;

c = arr[a++];

cout << a << b << c << endl;

}

**2)** **Çıktı?**

int main(void) {

int a = 10;

double b = 2.6;

int c;

c = a + b;

cout << c << endl;

}

1. **Çıktı?**

int main(void) {

int i;

for (i = 3; i>0; i--){

int j = 8 - i;

cout << j <<endl;

}

}

1. **Çıktı?**

int main(void) {

for (i = 1; i <= 1; i++) {

for (j = i; j >= 1; --j) {

m = m+1;

for (k = i - j + 1; k <= i; k++)

m++;

}

}

cout<< m<<endl;

}

1. **Çıktı?**

int main() {

int x;

for (x = 3; x <= 15; x++)

{

if (x < 7)

continue;

else if (x != 9)

cout<<x<<endl;

else

break;

cout << "C++"<<endl;

}

return 0;

}

1. **Çıktı?**

int main()

{

int \*ptr, a = 2;

ptr = &a;

\*ptr += 1;

cout << \*ptr << endl << a;

}

1. **Çıktı?**

void m(int \*p, int q)

{

\*p = 3;

q = 3;

}

void main()

{

int a = 6, b = 5;

m(&a, b);

cout << a << endl << b;

}

1. **Çıktı?**

void main()

{

char \*s = "kolay";

char \*p = s + 1;

cout << \*p << endl << s[3];

}

1. **Çıktı**

int main()

{

int ary[4] = { 7, 3, 5, 4 };

int \*p = ary + 2;

cout<< \*p+1 << endl << \*(p+1);

}

1. **Çıktı?**

class kolay {

private:

int a;

int b;

};

int main()

{

kolay Ex1 = { 2, 3 };

cout << "a = " << Ex1.a << ", b = " << Ex1.b;

return 0;

}

1. **Çıktı?**

class kolay {

public:

int a, b;

kolay() {

a = 3;

b = 5;

}

};

int main(){

kolay c;

cout << "a: " << c.a << endl

<< "b: " << c.b;

return 0

}

1. **Çıktı?**

int sum(int n1,int n2,int n3 = 3,int n4=2);

int main() {

cout << sum(1, 1, 1, 1) << endl;

cout << sum(1) << endl;

cout << sum(1, 1, 1) << endl;

cout << sum(1, 1) << endl;

}

int sum(int n1, int n2, int n3, int n4) {

return n1 + n2 + n3 + n4;

}

1. **Çıktı?**

class ABC{

public: int x;

ABC(int a){

x = a;

}

ABC(ABC &i){

x = i.x+2;

}

};

int main(){

ABC a1(6);

ABC a2(a1);

cout << a2.x;

return 0;

}

1. **Çıktı?**

int \* p1, \*p2;

void allocate() {

p1 = new int;

\*p1 = 99;

p2 = new int(99);

}

int main() {

allocate();

cout << \*p1 << endl;

cout << \*p2+1<< endl;

delete p1;

delete p2;

return 0;

}

1. **Çıktı?**

class Point {

private:

int x;

int y;

public:

Point(int i = 0, int j = 0) :x(i), y(j) {}

int getX() const { return x+1; }

int getY() const { return y+2; }

};

int main() {

Point t1(9, 8);

cout << "x = " << t1.getX() << ", ";

cout << "y = " << t1.getY();

return 0;

}

1. **Çıktı?**

class ClassA {

public:

void set\_a(int val);

int get\_a(void);

private:

int a;

};

int ClassA::get\_a(void) {

return a+2;

}

void ClassA::set\_a(int val) {

a = val\*2;

}

int main() {

ClassA a;

a.set\_a(10);

cout << "Value of a is: " << a.get\_a();

return 0;

}

1. **Çıktı?**

class Example {

private:

int a;

int b;

public:

Example(int a, int b) {

this->a = a+1;

this->b = b\*2;

}

int get\_a() {

return a+1;

}

int get\_b() {

return b\*2;

}

};

int main(){

Example Ex(10, 20);

cout << "a = " << Ex.get\_a() << ", b = " << Ex.get\_b();

return 0;

}