**1 - Amaliy topshiriq**

*Iqbolshoh Ilhomjonov*

1. Mashina nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string brend, string model, int price)

{

    cout << " Brend : " << brend << endl;

    cout << " Model : " << model << endl;

    cout << " Prise : " << price << " $" << endl;

}

class Car

{

private:

    string brend;

    string model;

    int price;

public:

    Car(string a, string b, int c)

    {

        brend = a;

        model = b;

        price = c;

    }

    string Get1()

    {

        return brend;

    }

    string Get2()

    {

        return model;

    }

    int Get3()

    {

        return price;

    }

};

int main()

{

    Car obj1("Tesla", "S", 74990);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Talaba nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string name, string surname, int age)

{

    cout << " Name : " << name << endl;

    cout << " Surname : " << surname << endl;

    cout << " Age : " << age << endl;

}

class Talaba

{

private:

    string name;

    string surname;

    int age;

public:

    Talaba(string a, string b, int c)

    {

        name = a;

        surname = b;

        age = c;

    }

    string GetName()

    {

        return name;

    }

    string GetSurname()

    {

        return surname;

    }

    int GetAge()

    {

        return age;

    }

};

int main()

{

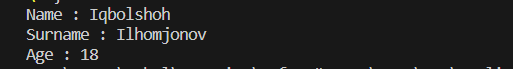
    Talaba obj1("Iqbolshoh", "Ilhomjonov", 18);

    print(obj1.GetName(), obj1.GetSurname(), obj1.GetAge());

    return 0;

}

//NATIJA:



1. Universitet nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string nomi, int fakultetlar, int talabalar)

{

    cout << " Universitet Nomi : " << nomi << endl;

    cout << " Fakultetlar soni : " << fakultetlar << endl;

    cout << " Talabalar soni : " << talabalar << endl;

}

class Univeresitet

{

private:

    string nomi;

    int fakultetlar;

    int talabalar;

public:

    Univeresitet(string a, int b, int c)

    {

        nomi = a;

        fakultetlar = b;

        talabalar = c;

    }

    string Get1()

    {

        return nomi;

    }

    int Get2()

    {

        return fakultetlar;

    }

    int Get3()

    {

        return talabalar;

    }

};

int main()

{

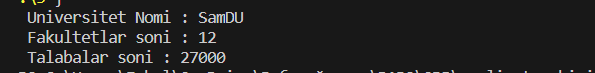
    Univeresitet obj1("SamDU", 12, 27000);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Kafedra nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string nomi, int oqituvchilar, int fanlar)

{

    cout << " Kafedra Nomi : " << nomi << endl;

    cout << " O'qituvchilar soni : " << oqituvchilar << endl;

    cout << " Fanlar soni : " << fanlar << endl;

}

class Kafedra

{

private:

    string nomi;

    int oqituvchilar;

    int fanlar;

public:

    Kafedra(string a, int b, int c)

    {

        nomi = a;

        oqituvchilar = b;

        fanlar = c;

    }

    string Get1()

    {

        return nomi;

    }

    int Get2()

    {

        return oqituvchilar;

    }

    int Get3()

    {

        return fanlar;

    }

};

int main()

{

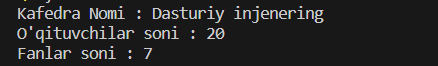
    Kafedra obj1("Dasturiy injenering", 20, 7);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Maktab nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string nomi, int oqituvchilar, int bolalar)

{

    cout << " Maktab Nomi : " << nomi << endl;

    cout << " O'qituvchilar soni : " << oqituvchilar << endl;

    cout << " Bolalar soni : " << bolalar << endl;

}

class Maktab

{

private:

    string nomi;

    int oqituvchilar;

    int bolalar;

public:

    Maktab(string a, int b, int c)

    {

        nomi = a;

        oqituvchilar = b;

        bolalar = c;

    }

    string Get1()

    {

        return nomi;

    }

    int Get2()

    {

        return oqituvchilar;

    }

    int Get3()

    {

        return bolalar;

    }

};

int main()

{

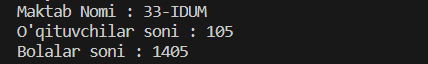
    Maktab obj1("33-IDUM", 105, 1405);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Kitob nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string nomi, string muallif, int betlar)

{

    cout << " Kitob Nomi : " << nomi << endl;

    cout << " Muallifi : " << muallif << endl;

    cout << " Betlar soni: " << betlar << endl;

}

class Kitob

{

private:

    string nomi;

    string muallif;

    int betlar;

public:

    Kitob(string a, string b, int c)

    {

        nomi = a;

        muallif = b;

        betlar = c;

    }

    string Get1()

    {

        return nomi;

    }

    string Get2()

    {

        return muallif;

    }

    int Get3()

    {

        return betlar;

    }

};

int main()

{

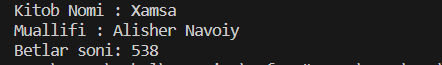
    Kitob obj1("Xamsa", "Alisher Navoiy", 538);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Noutbuk nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string brendi, string protsesori, int oparatifkasi)

{

    cout << " Noutebook Nomi : " << brendi << endl;

    cout << " Protsesor turi : " << protsesori << endl;

    cout << " Operatifkasi : " << oparatifkasi << " GB " << endl;

}

class Noutebook

{

private:

    string brendi;

    string protsesori;

    int oparatifkasi;

public:

    Noutebook(string a, string b, int c)

    {

        brendi = a;

        protsesori = b;

        oparatifkasi = c;

    }

    string Get1()

    {

        return brendi;

    }

    string Get2()

    {

        return protsesori;

    }

    int Get3()

    {

        return oparatifkasi;

    }

};

int main()

{

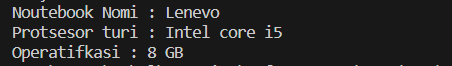
    Noutebook obj1("Lenevo", "Intel core i5", 8);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Fakultet nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling

#include <iostream>

using namespace std;

void print(string nomi, int kafedralar, int talabalar)

{

    cout << " Fakultet Nomi : " << nomi << endl;

    cout << " Kafedralar soni : " << kafedralar << endl;

    cout << " Talabalar soni : " << talabalar << endl;

}

class Fakultet

{

private:

    string nomi;

    int kafedralar;

    int talabalar;

public:

    Fakultet(string a, int b, int c)

    {

        nomi = a;

        kafedralar = b;

        talabalar = c;

    }

    string Get1()

    {

        return nomi;

    }

    int Get2()

    {

        return kafedralar;

    }

    int Get3()

    {

        return talabalar;

    }

};

int main()

{

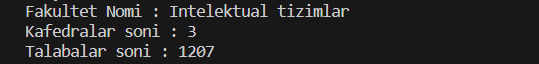
    Fakultet obj1("Intelektual tizimlar", 3, 1207);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Guruh nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string yonalishi, int raqami, int talabalar)

{

    cout << " Yo'nalish : " << yonalishi << endl;

    cout << " Guruh raqami : " << raqami << endl;

    cout << " Talabalar soni : " << talabalar << endl;

}

class Guruh

{

private:

    string yonalishi;

    int raqami;

    int talabalar;

public:

    Guruh(string a, int b, int c)

    {

        yonalishi = a;

        raqami = b;

        talabalar = c;

    }

    string Get1()

    {

        return yonalishi;

    }

    int Get2()

    {

        return raqami;

    }

    int Get3()

    {

        return talabalar;

    }

};

int main()

{

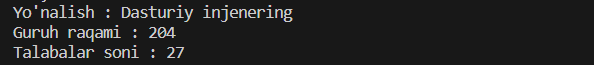
    Guruh obj1("Dasturiy injenering", 204, 27);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Kutubxona nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string yonalishi, int KitobSoni, int kitobxonlarSoni)

{

    cout << " Nomi : " << yonalishi << endl;

    cout << " Kitoblar Soni : " << KitobSoni << endl;

    cout << " Kitobxonlar soni : " << kitobxonlarSoni << endl;

}

class Kutubxona

{

private:

    string yonalishi;

    int KitobSoni;

    int kitobxonlarSoni;

public:

    Kutubxona(string a, int b, int c)

    {

        yonalishi = a;

        KitobSoni = b;

        kitobxonlarSoni = c;

    }

    string Get1()

    {

        return yonalishi;

    }

    int Get2()

    {

        return KitobSoni;

    }

    int Get3()

    {

        return kitobxonlarSoni;

    }

};

int main()

{

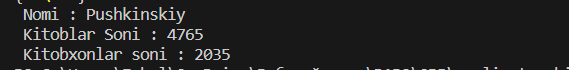
    Kutubxona obj1("Pushkinskiy", 4765, 2035);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Xodim nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string ismi, int tajriba, int oyligi)

{

    cout << " Nomi : " << ismi << endl;

    cout << " Tajribasi (yil) : " << tajriba << endl;

    cout << " Oyligi : " << oyligi << endl;

}

class Xodim

{

private:

    string ismi;

    int tajriba;

    int oyligi;

public:

    Xodim(string a, int b, int c)

    {

        ismi = a;

        tajriba = b;

        oyligi = c;

    }

    string Get1()

    {

        return ismi;

    }

    int Get2()

    {

        return tajriba;

    }

    int Get3()

    {

        return oyligi;

    }

};

int main()

{

    Xodim obj1("Iqbolshoh", 7, 7000000);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Korxona nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string direktor, int xodimlar, int daromadi)

{

    cout << " Korxona Direktori : " << direktor << endl;

    cout << " Xodimlar soni : " << xodimlar << endl;

    cout << " Yillik daromadi : " << daromadi << endl;

}

class Korxona

{

private:

    string direktor;

    int xodimlar;

    int daromadi;

public:

    Korxona(string a, int b, int c)

    {

        direktor = a;

        xodimlar = b;

        daromadi = c;

    }

    string Get1()

    {

        return direktor;

    }

    int Get2()

    {

        return xodimlar;

    }

    int Get3()

    {

        return daromadi;

    }

};

int main()

{

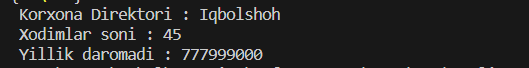
    Korxona obj1("Iqbolshoh", 45, 777999000);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Shahar nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string nomi, int maydoni, int aholi)

{

    cout << " Nomi : " << nomi << endl;

    cout << " Maydoni (Km2) : " << maydoni << endl;

    cout << " Aholi soni : " << aholi << endl;

}

class Shahar

{

private:

    string nomi;

    int maydoni;

    int aholi;

public:

    Shahar(string a, int b, int c)

    {

        nomi = a;

        maydoni = b;

        aholi = c;

    }

    string Get1()

    {

        return nomi;

    }

    int Get2()

    {

        return maydoni;

    }

    int Get3()

    {

        return aholi;

    }

};

int main()

{

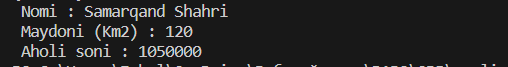
    Shahar obj1("Samarqand Shahri", 120, 1050000);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Viloyat nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string nomi, int tumanlar, int shaharlar)

{

    cout << " Viloyat Nomi : " << nomi << endl;

    cout << " Tumanalar soni : " << tumanlar << endl;

    cout << " Shaharlar soni : " << shaharlar << endl;

}

class Viloyat

{

private:

    string nomi;

    int tumanlar;

    int shaharlar;

public:

    Viloyat(string a, int b, int c)

    {

        nomi = a;

        tumanlar = b;

        shaharlar = c;

    }

    string Get1()

    {

        return nomi;

    }

    int Get2()

    {

        return tumanlar;

    }

    int Get3()

    {

        return shaharlar;

    }

};

int main()

{

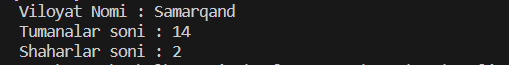
    Viloyat obj1("Samarqand", 14, 2);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Futbol nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string nomi, int jamoalar, int tomoshabinlar)

{

    cout << " Fudbol Stadion nomi : " << nomi << endl;

    cout << " Jamoalar soni : " << jamoalar << endl;

    cout << " Tomoshabinlar soni : " << tomoshabinlar << endl;

}

class Fudbol

{

private:

    string nomi;

    int jamoalar;

    int tomoshabinlar;

public:

    Fudbol(string a, int b, int c)

    {

        nomi = a;

        jamoalar = b;

        tomoshabinlar = c;

    }

    string Get1()

    {

        return nomi;

    }

    int Get2()

    {

        return jamoalar;

    }

    int Get3()

    {

        return tomoshabinlar;

    }

};

int main()

{

    Fudbol obj1("Uembli", 18, 90000);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Dekanat nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string nomi, string dekan, int zamdekan)

{

    cout << " Dekanat Fakulteti nomi : " << nomi << endl;

    cout << " Jamoalar soni : " << dekan << endl;

    cout << " Dekan o'rinbosarlari soni  : " << zamdekan << endl;

}

class Dekanat

{

private:

    string nomi;

    string  dekan;

    int zamdekan;

public:

    Dekanat(string a, string b, int c)

    {

        nomi = a;

        dekan = b;

        zamdekan = c;

    }

    string Get1()

    {

        return nomi;

    }

    string Get2()

    {

        return dekan;

    }

    int Get3()

    {

        return zamdekan;

    }

};

int main()

{

    Dekanat obj1("Intelektual tizimlar", "Babayarov Abdusattor", 3);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Shifoxona nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling

#include <iostream>

using namespace std;

void print(string nomi, string manzil, int doktorlar)

{

    cout << " Shifoxona nomi : " << nomi << endl;

    cout << " Manzil : " << manzil << endl;

    cout << " Doktorlar soni  : " << doktorlar << endl;

}

class Shifoxona

{

private:

    string nomi;

    string  manzil;

    int doktorlar;

public:

    Shifoxona(string a, string b, int c)

    {

        nomi = a;

        manzil = b;

        doktorlar = c;

    }

    string Get1()

    {

        return nomi;

    }

    string Get2()

    {

        return manzil;

    }

    int Get3()

    {

        return doktorlar;

    }

};

int main()

{

    Shifoxona obj1("MARKAZIY SHAHAR KASALXONASI", "Samarqand", 79);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. GeometrikShakl nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string nomi, int burchaklar, int burchakyig)

{

    cout << " GeometrikShakl nomi : " << nomi << endl;

    cout << " Burchaklar soni : " << burchaklar << endl;

    cout << " Ichki burchakalar yig'indisi : " << burchakyig << endl;

}

class GeometrikShakl

{

private:

    string nomi;

    int burchaklar;

    int burchakyig;

public:

    GeometrikShakl(string a, int b, int c)

    {

        nomi = a;

        burchaklar = b;

        burchakyig = c;

    }

    string Get1()

    {

        return nomi;

    }

    int Get2()

    {

        return burchaklar;

    }

    int Get3()

    {

        return burchakyig;

    }

};

int main()

{

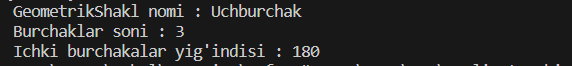
    GeometrikShakl obj1("Uchburchak", 3, 180);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:



1. Soat nomli sinfni hosil qiling.Tarkibida metodlar va xususiyatlarni e’lon qiling.

#include <iostream>

using namespace std;

void print(string brendi, string turi, int narxi)

{

    cout << " Brendi : " << brendi << endl;

    cout << " Turi : " << turi << endl;

    cout << " Narxi : " << narxi << " $ " << endl;

}

class Soat

{

private:

    string brendi;

    string turi;

    int narxi;

public:

    Soat(string a, string b, int c)

    {

        brendi = a;

        turi = b;

        narxi = c;

    }

    string Get1()

    {

        return brendi;

    }

    string Get2()

    {

        return turi;

    }

    int Get3()

    {

        return narxi;

    }

};

int main()

{

    Soat obj1("Apple", "elektron", 400);

    print(obj1.Get1(), obj1.Get2(), obj1.Get3());

    return 0;

}

//NATIJA:

