191216002 CPP final Sayta 7 Furkan Egya *include <iostream > *include <cstring> *include <cstring> *include < Soru 1) using namespace std; Struct boltak & int koltuk No; void yakitdoldur (double mik) & chart ad ; chart soyad's double year mil = 0; int d=03) genimik = yakmik+mik's IF (yenimit > yt) & yk-yakmik Class ucak & cout << "maks." << 7- << " rector < Koltuk> Koltuklar's doldurabilirsiniz'ce mik << "cok forla" return's chart models yakmik = yenimiks double agirlie; double yet nit; 3() ratioetisub bion cout << "depo "<< yaknix<< "/") ucar () } << YK << "dolulukta"> yz = 200's For (int 1=03 1=100; 1++) { void boltaborthir C) { ca. Koltuk No = 1+1 0.000=""" koltuklar. Aush_bask(k); Koltuklar. push_back a void Koltur Say () { int bos =0; ucae (Double gats, int Es) & int doler = 05 ye= yak's for linties; (& totalorsize); for Cinti=os 1< Essitt) & if(toltaklar[i].d=0) { koltur as a coltur No = 1+7; a.soyod="" bost+5 3 Else & koltuklor. Push-back (a)i dolutti coutec "bos: "ccbos ex" (" cout ce "dolu. "cedoluice "his

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Furkan Eayla 191216002
Soru 1 devan :
 void boskoltukgoster () &
    for Cinti=01 ic koltublar. gize(); i+1) {
     If C Eoltublor [1]. 1==0) {
       coutee kolteklor (i). toltukno ex endln;
void boltublistele () {
   for Cinti=05 izeoltublar, size (); i++){
       Cotuc k= boltubler[i];
        cout << k. KoltukNo << "; "<< k. od << k. soyad << "/";
void rezerve et (int END) chart od, char* soyad) {
koltuk k = koltuklar [kNO-1];
     F(K,d==1) {
       cout << kNO << "toltuk "<< k. ad <= k. sogod <= "forofinder alinnis"
       Cout « 11 bos Editublar 1);
       50560/tuk gostercos
    return;
    koltuklar [KNO-1].d=15
    to Huklar [ENO-1]. ad = ad;
    kolluklar (LeNo-1]. soyod = soyad:
```

3 rclass Espatma

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Furkan Zaya 1912(6002 Soru 2: Winclude ilk sayfada tanımlaranlar // vector, iostream Class operasyon & Public: vectorint> e; Operasyon operator + (operasyondizi) & 1/2 amondan dolayı eleman sayısı operosyon yenis Fortin+ 1=0; i e dizi e · size 3 i++) & yeni.e. push-back(dizi.e [i]+e[i])5 return yenis operator * (operation d) { Operosyon y; for Cinti=osizd.e.size(); i++) { y.e. Push-back (d.e (i) * e (i))3 return ys Operator & (operation d) & operosyon y; for Cinti=03 i= e. size() sitt) & int t=15 for (inti=0) & < d.e[i] sj++) & T*=e[i]; 3. Push-bock (+)5 return ys

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Furkan Kaya 191216002 Soru 30 Mindlade Liostreonis using namespace 5td 3 template < class Tip> Closs d & Public ; Tip alan hesapla (tipx, Tipy) & return x*y5 Sort 4 5 Xinclud Luctors * include Liostream, >', Using namespace stds int intort (vector cinty d> & in+ +=05 for (inti =osiedisize() sitt) { 3 TEDEIDS int ortalama= T/d. size()> return ortalama; Class Regression & Public: int islem ();

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Sayfa 4

Furtan Laya 191276002 Sayfa 5 Soru 4 devan Regression islem (vector kint) a, vector kint) } 12ctorcint? For(int := 0; ic a.size(); itt) { ust=(a[i]-or+(a))*(b[i]-or+(b)); for (inti205/26,512e(); i++) { al++=(ali]-or+(a))*(ali]-or+ca)); intbir = ust/alt's intsifir = ort(b) - bir * ort(a); vector Kint> sonue's Sonuc. push-back (bir) ", Sonue, Push - back Csifir) 's return sonuc's