Teina 6 Dunahurena napler & Krackere. Josephata certagna, Динамитма памет в класавете вымини ресурси)
-външна за класа памет, композирана и класа да се гриха
за създаване и изгиствоне - Голдиата гетворка се създава автоматично за Уклас Проблен с автоматично генерирарана голяма 4-ка в KARC C JUH. haver. - gecop.

Test Obji MB(1) B

Test(1) CCCCC - KOHCTPYKTOP. AUTA Test Ob; Tist() BUSBI - Rom Koncop. 3 Test ti; Test t1; ccrest A Test t2(+1)/ [ A Tipe K.K. u OM- UNA npodnes class A? A obj Char str A obj2=obj; 1.11 names, noe ros Duarpana obj

? A of; A obj2=06jj non A na obj2 use Xbopm rundime-error, 3 aryono nameria bete ne conjectoyba u nama как да беде изгрита. Този проблем се морита shallow copy. Pemenne: Tpassa gx ce nanjabn deep copy на данните на фј в озгр., налага се да промени кж и ом= 06j2

- paznulbane 2 bunaru poraso

unane "Commun pecypeu. 11 def() - 39 gengue na Comment pecype - hongrang supano no npomentubu L) KK(1 Tpsoba ga Happabu deep (opy na gamme Ma Bommeru)
Oblet L ga tu zamme b nacroslyne - Enxa el memopy на приньчени A OGj;
A OGj2(OGj) OBj 7- 15/W/2/ OBje Sw/t - Konnpare

В1017=
-Освобоходаване (затияване на сегашния обект)
и конщине на данните на други обект

4) Гревт да се погражит за почета зъднена
от външни ресурси
Пример за голона сетвория:

Gradua ted Student G pragma once ilass Graduated Student char name=nullptr; int grades=nullptr; Sizet grades Count=0; Char quote [30+1]=""; void copy From (const Graduated 5 + n denth other); void free() public: Graduated Student (const char name, const int grades, size t grades Count, const char quote); G.S (const GS) other); GS& operator (onst GSD other); void set Name (const dar new Name); ..... void set Grades (const int new Grades, size t void set Quote (const dar quote) const char get Name () const; const int get Grades () consti unsigned get Grades Count () const; const dar get Quote () const;

pragma warning (disable: 4996) Graduate Dtilldent.cpp Void GS: copy From (const braduated Students other) name = new door [other name)+1]; Stropy (name, other. name); grades Count = other grades Count; grades = new int [grades Count]; for (sizet i=0; iz grades (ount; i++)
grades [i] = other. grades [i]; strang quote, other quote); void & S :: free() delete [I nome; delete [I grades; name & null ptr, gracks Count-0: Stropy (quote, "1); GS: GS (const diax nome, const int grades, size t grount, const day quote) Set Name (name); Set brades (grades, grount); set Quote (quote); 6506S(const 65& other)?

```
658 65: Op= (const GS& other)
      f(74:5!= & other);
free();
(opyfrom(other);
       return this;
65::NGS()
 (freel);
        setName (const dia new Name)
        ; f (!new Name | new Name = = name)
                return;
       delete [Iname;
name=pu char [stream/newName]+15;
         Stropy (name, new Name);
void Set Grade Slangt int new Grades, Size t. new Gr Count)
      if (! new Grade | new Grades = = grades)
            seturn;
       delete LIgrades;
        graunt-new Graunt;
       grades = new int 2gr Counts;
       for (size-t i=0;i < gr Countii++)
grade S [i] = hen Gr [i];
```

ié GS: set Quote (const char quote) if (!quote) | stolen (new Quote) >30) Strapy(quote, quote); const dar get Name() const 7 return name; const int & 65: get Grades () const
grades; const chas get Luote (1 const (unsigned get Grades Count () const 7 return grbount;

GraduateSt. GAP